

OBSERVATIONS & RECOMMENDATIONS

After reviewing data collected from **Lake Sunapee Deep Water Stations** the program coordinators recommend the following actions.

Lake Station 200 (Northern Deep Basin)

- **Figure 1:** These figures are designed to depict historical and present year changes in algal abundance. Algal abundance is determined by measuring the water concentration of chlorophyll-a, the green pigment in algae cells. The historical data shows a *slightly improving* chlorophyll-a trend in the lake, meaning concentrations of algae have decreased over the years. The average concentration remains well below the New Hampshire mean for chlorophyll-a, with this year's average abundance one of the lowest observed since 1990. While algae are very important to supporting life in the lake, human impacts that cause excess phosphorus inputs from the watershed can result in unnatural amounts of algal growth. We are pleased to report that the chlorophyll results show no alarming trends of increasing productivity in the lake. Knowing your watershed boundaries, monitoring major streams and their subwatersheds for changes, documenting watershed land uses through watershed walks and mapping, and tracking land use changes that may increase the phosphorus in runoff will help prevent future algae increases.
- **Figure 2:** This figure shows how water clarity, or transparency, has fluctuated over the years. The lower graph shows a *stable* trend in lake transparency. The average for this station remains well above the NH mean. Station 200's average has remained similar for the past four years. This is a subjective test since weather conditions, the water's surface, and individuals' abilities to see the Secchi disk are all variable. The clarity at this station was highest in the early summer months and was only slightly less in the later part of the summer. However, this simple test does allow us to roughly track changes in the lake's quality. Natural water coloring from wetlands, algal abundance, and suspended material such as silt can all reduce transparency. As a result of the below normal rainfall during the 1999 summer season, the amount of watershed runoff to New Hampshire lakes was significantly reduced. The reduced runoff then decreased the phosphorus and sediment load, resulting in generally clearer waters.
- **Figure 3:** Algae and aquatic plants depend upon the nutrient phosphorus for their growth, much the way your lawn and garden do. However, green lakes are undesirable, and too much phosphorus in a lake can cause excess plant growth and nuisance algae blooms. This figure depicts phosphorus trends in the upper and lower water layers of the lake. The inset graphs show the data collected in 1999, while the larger graphs allow us to track phosphorus changes over the years. Generally, phosphorus concentrations have *improved* in the upper layer since 1993, and have been *fairly stable* in the lower layer since 1992. In other words, phosphorus concentrations are decreasing in the epilimnion, although the regression line shows an increasing trend. The data from 1986 through

1999

1989 showed very little phosphorus concentrations in the epilimnion. The data from 1993 to the present is also low, with results near 5 µg/L. A continuation of this trend will help keep lake productivity at natural levels, making the lake aesthetically and recreationally more valuable. The lower average epilimnetic phosphorus might be due to dryer weather and less runoff than in past years. DES can provide educational materials about ways to protect your lake and its watershed. Raising the awareness of other watershed residents is the proactive way to protect the lake for years to come.

- In July, a cyst/egg (unidentifiable) was the most dominant organism found in the plankton haul. This unknown was likely due to the lower water levels, resulting in the formation of resting cells.
- Dissolved oxygen was high throughout the water column from May through September (Table 9). As the summer comes to an end and fall begins, the lake experiences a fall turnover when the cooler bottom waters mix with the warmer surface waters. This typically occurs during the end of October or early November. The bottom dissolved oxygen concentration did not decline until the last sampling date in September, although the concentration was not below the critical 1 mg/L level. It is likely that the fall turnover period was taking place around that time. On another note, dissolved oxygen readings were not taken at the same depths throughout the summer. On some dates the deepest reading was less than 15 meters, while on others it was greater than 20 meters. This is due to some difficulties the monitors were experiencing when locating the deepest spot.

Lake Station 210 (Central Deep Basin)

- **Figure 1:** The average chlorophyll-a concentration in 1999 was again very low. The trend in chlorophyll over the years for this station has been generally *stable*. The mean concentration has increased slightly over the past three years, but the levels are certainly not troublesome and remain below the state mean. The October concentration was higher than in July, which may have been caused by more rain at that time of the year.
- **Figure 2:** Transparency at Station 210 has *stabilized* in the last few years. The dryer weather this summer likely contributed to the higher transparencies in June, July and August, as there was less sediment washing into the lake during these months. Transparency decreased as the summer progressed, which, again, may have been affected by the fall rains. The mean transparency at Station 210 has been above the New Hampshire mean since monitoring began in 1986.
- **Figure 3:** Phosphorus levels in the hypolimnion were *stable* throughout the summer, with concentration peaking during August at 7 µg/L (see Chemical Raw Data report). The average was slightly increased from the 1998 average, but the concentration remains below the state median. The epilimnion concentration is *slightly worsening*, although the average was similar to the 1998 average. One noticeable result was from the early June sample, in which the phosphorus level was recorded as 17 µg/L (please note, this data point is not represented in the figure; when more than one sample is collected in a month, only one result is used). The increase in epilimnetic phosphorus since 1994 has appeared to stabilize for the present. Tributary stations 800 and 805 had high total phosphorus concentrations in June (see Chemical Raw Data report), which may have contributed to the higher phosphorus at that time in the deep spot. Both tributaries were sampled several times this summer, with high phosphorus results occurring throughout most of the

summer. It may be worthwhile to bracket these streams, which has occurred at both sites in the past, to try to determine the sources of the excess phosphorus that seems to be entering the lake via these inlets.

- Conductivity throughout the lake was slightly increased from the 1998 values, which may be due to the dry weather. Fewer rains in a summer will result in less flushing of the lake. However, conductivity increases can also indicate the influence of human activities on surface waters. Septic system leachate, agricultural runoff, iron deposits, and road runoff can all influence conductivity.
- The plankton at Station 210 were mostly of the diatom and golden-brown varieties. These tend to indicate good water quality. We hope to see a continuation of this trend in the years to come!
- Dissolved oxygen was high throughout the water column on all occasions this summer (Table 9), with the surface waters being super-saturated on several of the sampling dates. The bottom oxygen concentration never fell below 3 mg/L. When oxygen is below 1 mg/L anoxia may occur and phosphorus can be released from the bottom sediments. This did not occur at Station 210 this year.

Lake Station 220 (South of Great Island)

- **Figure 1:** As in years past, the chlorophyll-a concentrations in Station 220 continues to *improve*, as is evident by the down-sloping best-fit line in the lower graph. This is a promising trend for chlorophyll-a concentration throughout the lake. Low chlorophyll-a values indicate that the lake continues to have little productivity. The concentrations this summer were below 2 mg/m³, and therefore the average remained below the state mean.
- **Figure 2:** While average transparency levels were slightly increased from 1998, the trend for historical results remains *stable*. The reading in September was slightly decreased, possibly due to a hurricane that passed through the area several days earlier. The rains likely washed silt into the lake, thereby decreasing the clarity. Overall, the Secchi disk readings continue to be twice that of the New Hampshire mean!
- **Figure 3:** The hypolimnetic phosphorus levels have *worsened* since 1998, with the highest concentration occurring in June. We will watch for these results to revert back to the lower values of previous years. It is important to remember, though, that the 1999 data are still considered normal and are not yet of great concern. Epilimnetic phosphorus levels have been *slightly improving* since 1997. This year's average was the lowest since 1994!
- The bottom dissolved oxygen concentrations did not fall below 1 mg/L until the August sampling date (Table 9). The lower readings did not negatively affect the total phosphorus concentrations for the remainder of the summer.

Lake Sunapee Station 230 (Southern Deep Basin)

- **Figure 1:** Chlorophyll concentrations remain *very stable* at this station. The average levels have not been above 2 mg/m³ since 1996.

1999

- **Figure 2:** The 1999 transparency average was similar to that of 1998, and the historical trend continues to be *stable*. Transparency readings declined as the summer progressed, but remained above the state mean for the entire season. As was stated in the Station 220 comments, a passing hurricane might be accountable for the lower transparency reading in September.
- **Figure 3:** The phosphorus graphs show a worsening trend in both the epilimnion and the hypolimnion. The average epilimnetic phosphorus was only slightly elevated from the average of 1998, but there has been a steady increase since 1986. The highest concentration occurred in June. The average phosphorus in the hypolimnion, however, was greater than 5 µg/L over the 1998 mean. The high results in May are possibly due to the spring turnover of the lake, which could bring phosphorus from the surface to the bottom. Ordinarily, high phosphorus results occur towards the end of the summer, when oxygen tends to deplete as the water warms. It is possible that the sample contained some sediment, although turbidity was low at that time.
- Turbidity in the hypolimnion did not return to the high levels observed in 1998.
- Dissolved oxygen was high throughout the water column during the entire summer (Table 9). The bottom concentrations were below 1 mg/L on only two occasions. Otherwise, the oxygen is high enough for aquatic organisms to survive in the Lake Sunapee deep waters.

Useful Resources

Freshwater Wetlands: A Guide to Common Indicator Plants the Northeast. By Dennis Magee, Univ. of Massachusetts Press, 1981.

Through the Looking Glass: A Field Guide to Aquatic Plants. North American Lake Management Society, 1988. (608) 233-2836 or www.nalms.org

Clean Water in Your Watershed. Terrene Institute, 1993. (703) 661-1582.

Lake Conservation Handbook. North American Lake Management Society, 1989. (608)233-2836 or www.nalms.org

Nonpoint Source Pollution and Stormwater Fact Sheet Package. Terrene Institute. (703)661-1582.

Handle With Care: Your Guide to Preventing Water Pollution. Terrene Institute, 1991. (703) 661-1582.

DES Volunteer Lake Assessment Program Annual Reports. NHDES. (603)271-3503.

Lake Sunapee Watershed Water Quality Report 1997. Diana Teixeira and Teriko MacConnell. 763-2210.

1996 Annual Water Quality Report. Teriko MacConnell. 763-2210.

Water Quality Sampling for the Lake Sunapee Watershed Study, Phase I. October 1994. Teriko MacConnell and Paul Grevstad. 526-6662.

Ecological Study of Lake Sunapee with Emphasis on Threat of Excessive Algae Growth. Based on a

1999

report by Jason M. Cortell & Associates, June 1992.

Lake Sunapee Nutrient Budget Study 1988-89. Jeffrey Schloss, UNH.

OBSERVATIONS & RECOMMENDATIONS

Lake Sunapee Nearshore Stations

- Phosphorus and turbidity levels at Station 080 (Wild Goose Cove) did not return to the high readings observed in June 1998. We hope that this trend continues.
- Station 010 (Georges Mills Cove) had slightly higher average transparencies in 1999 than the previous three years! The deeper readings in the beginning of the summer might be attributed to less rain. In September and October of 1999 some rain events might have caused the lower readings (see Biological Raw Data Report).

Lake Sunapee Tributaries and Outlet

- Muzzey Brook (510) phosphorus and turbidity were slightly elevated in the beginning of the spring of 1999. While the readings were not as high as those in the past, they were higher, for the most part, than those in 1998. The high results observed in March were likely due to snowmelt and rain events.
- Chandler Brook (670), the outlet of Mountainview Lake, again had high average phosphorus levels. This is mostly due to a high reading in March 1999. Without this high reading, the average would be near that of the 1998 season. The results were high because of rain and snowmelt previous to sampling.
- Eagle Rock Brook (515) was tested once in 1999. While the conductivity was much lower, turbidity was slightly elevated. Other sites along Eagle Rock Brook were tested throughout the summer. Station 515.12 had very high phosphorus, conductivity and turbidity, as did Stations 515.18 and 515.2. Station 515.5 also was tested just once, and had high conductivity only. We hope that the Clean Stream Team will continue to test this stream extensively to find the source of these problems.
- Job's Creek (540) was tested a great deal in the spring of 1999. Phosphorus levels were relatively low (compared to previous years) for the most part. However, the stream was sampled again in August and had a high phosphorus reading in conjunction with higher turbidity. Upon checking the field data sheets the coordinators noted a comment by the monitor that the stream had no flow and, thus, the sample water was contaminated with sediment. Please be sure to sample inlets only when there is considerable flow. Excess debris in the water can cause phosphorus readings to appear higher than normal and will also increase the turbidity.
- The Chalk Pond Outlet (1115) sample taken in August 1999 had high phosphorus and turbidity levels due to low flow in the stream. Please remember to note on your field data sheets environmental and physical factors of your streams so the coordinators might better understand any readings that do not appear normal.
- The stations along Beck Brook (680) had very high phosphorus, turbidity, and even some high conductivity readings in 1999. In 1998, we stated that the stream seemed to be stabilizing and reducing levels of nutrients and pollutants. The high readings in March, July, and September are related to rainstorms that occurred before or during sampling.

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- Station 715 (Hot Dog Stand Brook) had lower average conductivity readings in 1999, a trend not repeated often throughout the lake, and even the state! We are watching for these results to reoccur.
- The Dewey Beach stations (590, 590.1, 590.2, and 590.3) have had high conductivity, turbidity, and phosphorus for the past two years. We hope to see more testing done on these stations in the years to come so we can determine the cause of these increases.

Otter Pond:

- To follow up on the Otter Brook (505) turbidity and phosphorus levels, in March of 1999 both were slightly elevated, but dropped off in April and May and remained low throughout the summer. The high results were likely from rain.
- Baptist Brook (1605) conductivity readings returned to their normal numbers in 1999, suggesting that the low reading in 1998 could have been a lab error. However, of other concern is the conductivity observed in the August 18, 1999 sample. This result was more than two times greater than the other results for this brook throughout the summer. While sampling of Baptist Brook has been very diligent in the past the coordinators suggest in the future testing should be done in the spring during a heavy rainstorm, at different sites along the brook, to find any possible sources of pollution.
- The Star Lake Inlet (1610) at Otter Pond again showed high levels of phosphorus and turbidity. If the high results were not from sampling errors, it would be essential to discover the source of pollution by using the methods described in the previous comment for Baptist Brook.
- The stream at Star Lake-Georges Mill Road (1612) showed higher phosphorus levels than normal in the beginnings of May and June 1999 (refer to Chemistry Raw Data Report). Conductivity readings also seemed to skyrocket in July and September, with the September sample also having high turbidity.

Little Sunapee Lake:

- Phosphorus levels in the stream West of Colby Point (1405) were elevated in June 1999, as were turbidity levels. It is possible that some organic material or sediment was in the sample. Please be sure to sample in streams with good flow without disturbing the bottom upstream of where the sample is to be taken. Again, conductivity was high in the spring of 1999. While more sampling was done on the stream in 1999, it would be helpful to test different sites along the stream in order to compare results and possibly find a source of pollution.
- The Bucklin Beach Stream (1415) continues to have high conductivity and turbidity values, but turbidity shows a promising decreasing trend. Phosphorus was higher in May and June 1999, although not at the same levels experienced in the past. Continued sampling at this station will likely show improvements in the years to come.

Useful Resources

Stormwater Management and Erosion and Sediment Control Handbook. NHDES, Rockingham County Conservation District, USDA Natural Resource Conservation Service, 1992. (603) 772-4385.

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Anthropogenic Phosphorus and New Hampshire Waterbodies, NHDES-WSPCD-95-6, NHDES Booklet, (603) 271-3503

Clean Water in Your Watershed. Terrene Institute, 1993. (703) 661-1582.
What is a Watershed?, NH Lakes Association pamphlet, (603) 226-0299 or www.nhlakes.org

Lake Conservation Handbook. North American Lake Management Society, 1989. (608)233-2836 or www.nalms.org

Nonpoint Source Pollution and Stormwater Fact Sheet Package. Terrene Institute. (703)661-1582.

Changes in Conductivity, Turbidity, E. coli, Iron and Phosphorus Concentrations along Beck Brook during the Mild Summer of 1995. Patrick Kuharic.

A Water Quality Study of Johnson and Beck Brooks, Lake Sunapee, New Hampshire. July 1993. Sean McFadden.

A Water Quality Study of Eagle Rock and Muzzey Brooks flowing into Lake Sunapee, New Hampshire. April 1994. Aimee Bennett Gardner, UVM.

A Water Quality Analysis of the Blodgett Brook Watershed, Lake Sunapee. March 1995. David Mills, Antioch University.

Herrick Cove Watershed Study. February 1994. Pierre Bedard, Antioch University.

April 1994 Snow Melt/ Spring Rain Sampling of Major Streams in the Lake Sunapee Watershed.
May 23, 1994. Paul Grevstad. 526-6662.

1999

LAKE SUNAPEE: EXECUTIVE SUMMARY

The weather during the summer of 1999 was much different from that of 1998. Instead of heavy rains early on there were very dry conditions throughout the summer. Conductivity increased in many areas of the state, due to ions concentrating in the stagnant waters. Because there was less runoff into the waters many areas saw an increase in lake transparencies. Lake Sunapee continued to have clarity readings well above the New Hampshire mean.

The Clean Stream Team continued its quest to protect the waters that supply Lake Sunapee. The coordinators support this program and hope the Team will remain active in sampling these sites. The more sampling that is done, the easier it will be to discover any sources of pollution to the lake.

The lake quality in 1999 remained very high. In-lake total phosphorus has increased slightly since sampling began in 1986 at the deep spots 200, 220, and 230. The 210 site has had fairly stable phosphorus levels. On another note, the chlorophyll has remained relatively stable throughout the lake and continues to be very low. Dissolved oxygen was lowest at stations 220 and 230, a fact that has persisted for several years. The concentration of oxygen was below 1 mg/L from August through October at the bottom depths of these sites. Phosphorus concentrations were elevated at many of the tributary sites, likely due to the dry weather concentrating the nutrients, but were relatively stable in the lake itself. Lake Sunapee is exceptional when it comes to diluting nutrients and pollutants!

It is wonderful to have such a dedicated group of volunteers working to protect the beauty of Lake Sunapee! We hope the residents of the lake appreciate all of the hard work these samplers do to keep the lake clean. While the volunteers collect the samples to check for pollution in the lake, it is the responsibility of every lake and watershed resident to maintain lake-friendly practices when keeping up lawns, septic systems, and other possible non-point polluters. Hats off to the many volunteers involved in protecting Lake Sunapee!

Table 1.**SUNAPEE, LAKE 010****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.50	1.30	0.80
1987	1.70	2.20	1.95
1988	2.70	2.70	2.70
1989	1.60	3.80	2.58
1990	1.10	3.00	1.85
1991	1.30	2.30	1.68
1992	0.70	3.60	1.58
1993	0.71	2.16	1.42
1994	1.11	11.91	3.69
1995	0.88	1.82	1.31
1996	1.09	1.83	1.53
1997	0.88	7.03	2.31
1998	0.50	1.99	1.07
1999	1.07	2.13	1.40

Table 1.**SUNAPEE, LAKE 020****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.60	2.60	1.43
1987	1.50	2.80	2.15
1988	1.70	3.30	2.73
1989	1.40	5.10	2.27
1990	0.40	3.20	2.11
1991	1.40	6.10	2.80
1992	1.30	3.40	2.01
1993	1.11	5.12	2.08
1994	1.30	1.80	1.64
1995	0.90	2.18	1.55
1996	1.09	1.85	1.32
1997	0.95	1.28	1.10
1998	1.26	2.47	1.86
1999	1.09	2.68	1.76

Table 1.**SUNAPEE, LAKE 030****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.40	0.90	0.70
1987	2.10	2.10	2.10
1988	2.30	2.30	2.30
1989	2.30	2.40	2.33
1990	1.20	2.60	2.03
1991	0.90	1.90	1.35
1992	1.10	2.80	1.77
1993	0.73	3.27	1.40
1994	1.26	4.58	2.08
1995	0.54	1.37	0.96
1996	0.92	2.18	1.33
1997	0.40	1.11	0.81
1998	0.61	1.87	1.12
1999	0.88	1.96	1.35

Table 1.

SUNAPEE, LAKE 040

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1989	0.90	5.40	2.38
1990	1.00	8.90	2.56
1991	0.70	3.70	1.89
1992	0.60	2.80	1.43
1993	0.71	2.92	1.41
1994	1.26	2.61	1.79
1995	1.09	1.73	1.39
1996	0.76	2.18	1.41
1997	0.59	1.61	1.10
1998	0.71	2.68	1.78
1999	0.74	1.51	1.23

Table 1.

SUNAPEE, LAKE 050

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1994	-9.99	1.80	-0.31
1995	0.36	2.04	1.36
1996	0.71	1.64	1.27
1997	0.38	1.42	0.96
1998	1.07	1.26	1.15
1999	0.52	1.61	1.13

Table 1.

SUNAPEE, LAKE 060

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1989	1.20	3.70	2.46
1990	1.10	3.10	2.32
1991	1.40	4.00	2.12
1992	1.10	11.60	2.58
1993	0.73	2.18	1.49
1994	1.42	5.13	2.65
1995	0.90	14.95	4.39
1996	0.76	1.66	1.17
1997	0.21	1.26	0.74
1998	0.90	4.48	2.15
1999	0.35	1.23	0.75

Table 1.**SUNAPEE, LAKE 070****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.30	1.90	1.03
1988	1.20	1.20	1.20
1989	2.10	3.30	2.66
1990	3.10	3.10	3.10
1993	0.74	2.94	1.44
1994	1.26	1.30	1.28
1995	0.39	2.19	1.38
1996	0.90	2.56	1.46
1997	0.09	1.99	1.14
1998	1.26	1.80	1.53
1999	1.09	5.40	2.23

Table 1.

SUNAPEE, LAKE 080

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1993	1.23	6.71	2.62
1994	1.28	4.92	2.56
1995	1.07	2.56	1.54
1996	1.09	2.02	1.55
1997	0.24	1.80	1.14
1998	0.71	1.82	1.19
1999	0.38	2.01	1.21

Table 1.**SUNAPEE, LAKE 090****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.40	1.40	0.86
1988	1.30	1.30	1.30
1989	0.80	5.70	2.39
1990	1.20	9.30	2.85
1991	0.40	2.70	1.56
1992	0.90	1.70	1.24
1993	0.90	1.99	1.35
1994	1.09	3.07	2.06
1995	1.04	1.83	1.37
1996	0.93	2.18	1.57
1997	0.57	6.89	2.60
1998	0.54	2.35	1.19
1999	0.66	2.35	1.58

Table 1.

SUNAPEE, LAKE 100

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.40	0.90	0.73
1989	1.40	4.10	2.46
1990	1.80	2.90	2.35
1993	1.09	4.71	1.86
1994	1.09	2.88	1.83
1995	0.55	2.81	1.57
1996	0.90	2.54	1.57
1997	0.74	7.39	2.25
1998	0.85	1.45	1.15
1999	0.69	1.97	1.23

Table 1.

SUNAPEE, LAKE 110

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.50	1.10	0.86
1988	1.40	1.40	1.40
1989	1.40	3.60	2.53
1990	1.20	2.40	1.73
1991	1.10	1.90	1.52
1992	1.20	2.10	1.67
1993	0.73	2.05	1.29
1994	1.09	14.31	3.45
1995	0.92	1.85	1.26
1996	1.09	1.97	1.48
1997	0.88	6.72	2.17
1998	0.71	1.47	1.03
1999	1.02	1.45	1.23

Table 1.**SUNAPEE, LAKE 200****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.30	0.60	0.45
1987	1.40	1.60	1.50
1988	1.00	2.00	1.25
1990	1.40	1.90	1.65
1991	1.00	2.30	1.70
1992	1.40	2.50	1.70
1993	0.92	3.11	1.67
1994	1.42	4.44	2.45
1995	0.95	2.01	1.35
1996	1.64	3.63	2.25
1997	0.59	1.99	1.27
1998	0.83	5.59	2.04
1999	0.73	2.01	1.23

Table 1.

SUNAPEE, LAKE 210

NEW LONDON

**Chlorophyll-a results (mg/m³) for current year and historical
sampling periods.**

Year	Minimum	Maximum	Mean
1999	0.00	0.00	0.00

Table 1.**SUNAPEE, LAKE 210****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.30	1.40	0.85
1987	1.40	1.60	1.50
1988	1.20	2.20	1.72
1990	1.50	2.10	1.80
1991	0.90	2.10	1.47
1992	0.90	2.60	1.70
1993	0.95	3.65	2.08
1994	1.83	11.07	4.61
1995	0.95	2.18	1.67
1996	1.66	4.39	2.42
1997	0.43	1.80	1.02
1998	0.90	1.97	1.36
1999	0.90	2.54	1.50

Table 1.

SUNAPEE, LAKE 220

SUNAPEE

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1993	1.47	7.14	3.18
1994	1.26	3.29	1.96
1995	1.09	2.72	1.84
1996	1.47	3.27	2.07
1997	0.43	7.68	2.35
1998	1.07	2.35	1.73
1999	0.00	1.80	1.23

Table 1.

SUNAPEE, LAKE 222

SUNAPEE

**Chlorophyll-a results (mg/m³) for current year and historical
sampling periods.**

Year	Minimum	Maximum	Mean
1998	1.23	3.20	2.21

Table 1.

SUNAPEE, LAKE 225

SUNAPEE

**Chlorophyll-a results (mg/m³) for current year and historical
sampling periods.**

Year	Minimum	Maximum	Mean
1997	0.59	1.68	1.04
1998	1.45	1.80	1.57

Table 1.**SUNAPEE, LAKE 230****SUNAPEE**

Chlorophyll-a results (mg/m³) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1986	0.10	2.00	1.26
1988	2.00	2.30	2.07
1989	0.50	4.00	2.28
1990	1.10	5.00	2.33
1991	0.60	4.10	1.77
1992	0.90	2.80	1.53
1993	1.47	4.93	2.59
1994	1.83	4.87	3.47
1995	1.02	2.92	1.74
1996	1.66	3.08	2.28
1997	0.26	1.66	1.03
1998	0.76	3.21	1.69
1999	0.00	1.97	1.15

Table 2.**SUNAPEE, LAKE 200****SUNAPEE**

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
07/06/1993	TABELLARIA	44
07/06/1993	TABELLARIA	44
08/22/1993	CHRYSOSPHAERELLA DINOBYRON TABELLARIA	34 18 11
08/03/1994	ASTERIONELLA CHRYSOSPHAERELLA	71 19
08/18/1994	STAURASTRUM DINOBYRON CHRYSOSPHAERELLA	34 29 17
03/10/1995	ASTERIONELLA RHIZOSOLENIA	93 5
03/10/1995	ASTERIONELLA RHIZOSOLENIA	93 5
05/26/1995	ASTERIONELLA RHIZOSOLENIA	56 42
08/10/1995	DINOBYRON QUADRIGULA CRUSEGENIA	61 11 7
09/07/1995	CHRYSOSPHAERELLA UNKNOWN #1 ASTERIONELLA	50 15 13
08/14/1996	ASTERIONELLA TABELLARIA	43 24

Table 2.**SUNAPEE, LAKE 200****SUNAPEE**

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
07/08/1997	DINOBRYON ASTERIONELLA RHIZOSOLENIA	49 25 20
07/22/1997	RHIZOSOLENIA ASTERIONELLA ARTHRODESMUS	57 18 4
05/27/1998	EUDORINA SPHAEROCYSTIS RHIZOSOLENIA	57 22 5
06/16/1998	ASTERIONELLA DINOBRYON ARTHRODESMUS	80 6 4
05/26/1999	ASTERIONELLA TABELLARIA RHIZOSOLENIA	79 8 5
06/07/1999	ASTERIONELLA UNKNOWN CYST OR EGG ARTHRODESMUS	64 11 7
07/01/1999	DINOBRYON ASTERIONELLA STEPHANODISCUS	52 20 5
07/20/1999	UNKNOWN CYST OR EGG MERISMOPEDIA GLOEOCYSTIS	21 19 16
09/20/1999	ASTERIONELLA TABELLARIA CHRYSSOPHAESELLA	24 20 14

Table 2.

SUNAPEE, LAKE 210

NEW LONDON

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
09/22/1999	ASTERIONELLA	35
	TABELLARIA	22
	CHRYSSOPHAESELLA	12

Table 2.**SUNAPEE, LAKE 210****SUNAPEE**

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
08/22/1993	DINOBRYON STAURASTRUM CHRYSSOPHAESELLA	20 18 12
07/29/1994	ASTERIONELLA CHRYSSOPHAESELLA	61 24
08/18/1994	STAURASTRUM DINOBRYON	30 27
03/10/1995	ASTERIONELLA RHIZOSOLENIA TABELLARIA	89 7 5
03/10/1995	ASTERIONELLA RHIZOSOLENIA	89 7
05/26/1995	ASTERIONELLA RHIZOSOLENIA DINOBRYON	60 60 2
09/07/1995	CHRYSSOPHAESELLA ASTERIONELLA UNKNOWN #2	30 30 7
08/14/1996	ASTERIONELLA TABELLARIA DINOBRYON	31 10
07/08/1997	DINOBRYON ASTERIONELLA RHIZOSOLENIA	48 27 24
07/22/1997	RHIZOSOLENIA ASTERIONELLA ARTHRODESMUS	48 28 8
05/27/1998	SPHAEROCYSTIS EUDORINA RHIZOSOLENIA	42 37 8

Table 2.

SUNAPEE, LAKE 210

SUNAPEE

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
05/26/1999	ASTERIONELLA RHIZOSOLENIA DINOBRYON	58 29 7
06/07/1999	ASTERIONELLA DINOBRYON TABELLARIA	76 6 5
06/28/1999	DINOBRYON ASTERIONELLA COSMARIUM	69 24 1

Table 2.**SUNAPEE, LAKE 220****SUNAPEE**

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
08/22/1993	CHRYSSOPHAESELLA STAURASTRUM	44 17
08/18/1994	STAURASTRUM DINOBYRON	41 22
08/09/1995	DINOBYRON QUADRIGULA CHRYSSOPHAESELLA	48 14 9
08/13/1996	TABELLARIA ASTERIONELLA STAURASTRUM	60 18 9
07/08/1997	DINOBYRON ASTERIONELLA RHIZOSOLENIA	46 36 15
05/27/1998	EUDORINA SPHAEROCYSTIS RHIZOSOLENIA	53 26 6
06/16/1998	ASTERIONELLA DINOBYRON RHIZOSOLENIA	69 10 7
05/26/1999	ASTERIONELLA RHIZOSOLENIA TABELLARIA	60 29 4
06/07/1999	ASTERIONELLA UNKNOWN CYST OR EGG	67 7
07/01/1999	DINOBYRON ASTERIONELLA COSMARIUM	49 25 6
09/22/1999	ASTERIONELLA CHRYSSOPHAESELLA TABELLARIA	30 18 17

Table 2.

SUNAPEE, LAKE 225

SUNAPEE

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
05/27/1998	EUDORINA	45
	SPHAEROCYSTIS	40
	DINOBYRON	5
06/16/1998	ASTERIONELLA	68
	RHIZOSOLENIA	7
	STEPHANODISCUS	7

Table 2.

SUNAPEE, LAKE 220
SUNAPEE

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
07/29/1994	ASTERIONELLA	56
	CHRYSSOPHAESELLA	26

Table 2.**SUNAPEE, LAKE 230****SUNAPEE**

Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
08/22/1990	CHRYSSOPHAESELLA STAURASTRUM CERATIUM	29 14 8
07/29/1994	ASTERIONELLA CHRYSSOPHAESELLA	62 18
08/18/1994	STAURASTRUM CHRYSSOPHAESELLA DINOBYRON	38 19 10
03/10/1995	ASTERIONELLA RHIZOSOLENIA	92 3
03/10/1995	ASTERIONELLA RHIZOSOLENIA	92 3
06/01/1995	RHIZOSOLENIA ASTERIONELLA DINOBYRON	57 35 5
08/09/1995	CHRYSSOPHAESELLA DINOBYRON QUADRIGULA	24 21 20
09/07/1995	ASTERIONELLA CHRYSSOPHAESELLA TABELLARIA	35 25 9
08/14/1996	TABELLARIA ASTERIONELLA STAURASTRUM	39 33 11
07/08/1997	DINOBYRON ASTERIONELLA RHIZOSOLENIA	42 28 25
07/22/1997	RHIZOSOLENIA ASTERIONELLA DINOBYRON	53 17 6

Table 2.

SUNAPEE, LAKE 230

SUNAPEE

**Phytoplankton species and relative percent abundance.
Summary for current and historical sampling seasons.**

Date of Sample	Species Observed	Relative % Abundance
05/27/1998	EUDORINA	56
	SPHAEROCYSTIS	25
	RHIZOSOLENIA	10
06/16/1998	ASTERIONELLA	73
	DINOBRYON	9
	STEPHANODISCUS	8
05/26/1999	ASTERIONELLA	42
	RHIZOSOLENIA	35
	CYCLOTELLA	5
06/07/1999	ASTERIONELLA	67
	STAURASTRUM	12
	ARTHRODESMUS	5
07/01/1999	DINOBRYON	53
	ASTERIONELLA	35
	COSMARIUM	3
09/22/1999	CHIRYSOPHAESELLA	23
	MICROCYSTIS	16
	ASTERIONELLA	15

Table 3.

SUNAPEE, LAKE 010

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1988	6.0	8.4	7.3
1989	4.0	8.3	6.4
1990	4.5	8.0	6.6
1991	5.5	9.3	7.7
1992	5.5	9.5	7.3
1993	5.8	10.5	7.4
1994	6.0	7.6	6.8
1995	7.0	8.5	7.6
1996	5.5	7.5	7.0
1997	5.0	7.9	6.5
1998	4.8	7.7	6.8
1999	5.0	8.0	7.3

Table 3.

SUNAPEE, LAKE 020

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1988	5.5	5.5	5.5
1989	4.0	6.8	5.0
1990	2.3	5.5	4.5
1991	3.3	5.0	4.5
1992	4.0	6.0	4.8
1993	4.0	4.8	4.1
1994	3.5	4.0	3.7
1995	4.5	4.5	4.5
1996	4.2	4.5	4.3
1997	3.5	4.7	4.1
1999	1.0	1.0	1.0

Table 3.

SUNAPEE, LAKE 030

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1988	7.3	8.5	7.9
1989	9.0	9.0	9.0
1990	7.2	7.3	7.2
1991	7.6	10.1	8.5
1992	8.0	9.3	8.6
1993	5.2	10.5	7.7
1994	6.5	9.5	7.9
1995	7.5	11.0	9.3
1996	7.2	8.2	7.6
1997	6.0	9.0	7.2
1998	7.5	9.0	8.1
1999	8.0	9.7	8.6

Table 3.

SUNAPEE, LAKE 040

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1988	7.0	9.0	8.0
1989	6.1	8.5	7.5
1990	6.0	8.6	7.1
1991	7.0	8.9	8.1
1992	6.3	9.5	7.8
1993	6.2	10.0	8.4
1994	7.5	10.7	8.7
1995	8.5	9.7	9.0
1996	7.2	9.0	8.1
1997	6.2	8.8	7.5
1998	6.7	8.2	7.4
1999	8.0	9.2	8.6

Table 3.

SUNAPEE, LAKE 050

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1995	4.5	4.5	4.5
1996	4.5	4.5	4.5
1997	4.5	4.8	4.6
1999	0.5	0.5	0.5

Table 3.

SUNAPEE, LAKE 060

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1989	5.5	7.7	6.8
1990	5.5	8.0	6.5
1991	6.7	9.0	7.6
1992	6.5	7.8	7.2
1993	5.5	7.2	6.5
1994	6.5	7.5	7.2
1995	6.6	6.6	6.6
1996	6.0	6.3	6.1
1997	6.0	7.2	6.6
1998	6.5	8.5	7.1
1999	8.0	8.0	8.0

Table 3.

SUNAPEE, LAKE 070

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1992	7.2	7.2	7.2
1993	3.6	5.6	4.8
1994	6.5	6.5	6.5
1995	6.5	6.5	6.5
1996	5.5	8.0	6.8
1997	6.8	6.8	6.8
1998	5.0	7.0	6.0

Table 3.

SUNAPEE, LAKE 080

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1993	5.0	5.0	5.0

Table 3.

SUNAPEE, LAKE 090

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1989	5.0	8.5	6.9
1990	5.0	7.7	6.6
1991	5.2	7.5	6.5
1992	5.0	7.5	6.3
1993	6.5	8.0	7.1
1994	6.2	7.5	6.9
1995	6.8	7.2	7.0
1996	5.1	7.5	6.8
1997	5.0	7.5	6.6
1998	5.0	7.0	6.4
1999	6.5	6.5	6.5

Table 3.

SUNAPEE, LAKE 100

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1990	4.7	4.7	4.7
1993	6.8	8.7	7.7
1994	6.5	9.0	7.5
1995	7.0	9.0	7.9
1996	6.5	9.0	7.4
1997	5.5	9.2	7.4
1998	7.2	7.8	7.5
1999	7.0	8.2	7.5

Table 3.

SUNAPEE, LAKE 110

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1988	5.5	5.5	5.5
1990	6.6	7.3	6.9
1991	7.5	7.5	7.5
1992	6.9	6.9	6.9
1993	4.2	8.0	6.8
1994	6.5	7.5	6.8
1995	7.2	8.2	7.6
1996	5.5	8.5	7.2
1997	5.0	8.2	6.9
1998	6.0	8.0	7.0
1999	6.5	7.8	7.2

Table 3.

SUNAPEE, LAKE 200

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1986	8.0	10.9	9.4
1987	7.2	9.9	8.5
1988	8.3	8.5	8.3
1990	7.5	8.0	7.7
1991	8.6	10.3	9.3
1992	7.8	9.8	8.7
1993	5.0	10.9	7.8
1994	7.5	9.2	8.3
1995	8.0	11.8	9.9
1996	5.2	9.7	8.4
1997	6.8	10.0	8.3
1998	8.0	9.0	8.6
1999	7.5	10.5	9.0

Table 3.

SUNAPEE, LAKE 210

NEW LONDON

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1999	0.0	0.0	0.0

Table 3.

SUNAPEE, LAKE 210

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1986	6.1	9.1	7.9
1987	7.1	8.9	8.0
1988	7.8	10.3	8.5
1990	7.7	8.2	7.9
1991	8.7	10.9	9.3
1992	7.9	10.4	9.0
1993	5.2	11.0	8.6
1994	7.3	9.5	8.6
1995	8.5	11.8	9.9
1996	5.7	10.1	8.3
1997	6.8	9.5	8.3
1998	7.9	10.5	8.8
1999	7.4	11.2	9.4

Table 3.

SUNAPEE, LAKE 220

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1993	6.2	10.5	8.4
1994	5.5	9.3	7.7
1995	6.0	11.8	9.3
1996	5.5	9.0	7.6
1997	6.8	10.0	8.4
1998	6.2	9.0	8.0
1999	0.0	10.0	7.4

Table 3.

SUNAPEE, LAKE 222

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1998	8.5	8.8	8.6

Table 3.

SUNAPEE, LAKE 225

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1997	6.8	9.5	8.4
1998	6.8	8.8	7.6

Table 3.

SUNAPEE, LAKE 230

SUNAPEE

**Summary of current and historical Secchi Disk
transparency results (in meters).**

Year	Minimum	Maximum	Mean
1986	6.2	9.8	8.4
1987	8.7	8.7	8.7
1988	7.2	8.0	7.7
1989	4.0	9.0	6.9
1990	5.5	7.8	6.8
1991	7.2	10.8	8.6
1992	5.0	9.2	7.5
1993	6.0	9.5	7.5
1994	6.5	8.5	7.6
1995	7.8	11.2	9.6
1996	5.5	8.0	7.2
1997	6.0	9.1	7.9
1998	7.2	8.8	8.1
1999	0.0	9.8	7.2

Table 4.**SUNAPEE, LAKE 200****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	6.70	6.80	6.76
	1987	6.10	6.80	6.36
	1988	6.60	7.10	6.68
	1989	6.40	6.60	6.52
	1990	6.80	7.00	6.89
	1991	6.40	7.00	6.69
	1992	6.50	7.00	6.69
	1993	6.40	6.70	6.54
	1994	6.51	7.00	6.74
	1995	6.62	7.24	6.91
	1996	6.77	7.04	6.89
	1997	6.25	6.75	6.56
	1998	6.67	6.92	6.79
	1999	6.60	7.00	6.76
HYPOLIMNION				
	1986	4.60	6.50	5.06
	1987	5.70	6.30	6.03
	1988	6.20	6.50	6.34
	1989	5.40	6.50	5.80
	1990	6.80	6.90	6.85
	1991	6.30	6.70	6.44
	1992	6.50	7.00	6.79
	1993	6.10	6.68	6.24

Table 4.**SUNAPEE, LAKE 200****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1994	6.09	6.46	6.28
	1995	6.15	6.68	6.38
	1996	6.04	6.59	6.26
	1997	5.65	6.40	6.04
	1998	6.16	6.49	6.25
	1999	6.21	6.63	6.34
METALIMNION				
	1986	6.40	6.90	6.58
	1987	6.10	6.50	6.25
	1988	6.50	7.10	6.70
	1989	6.10	6.50	6.30
	1990	6.80	7.00	6.89
	1991	6.60	7.00	6.82
	1992	6.50	7.00	6.65
	1993	6.30	6.60	6.40
	1994	6.17	6.47	6.31
	1995	6.40	7.09	6.68
	1996	6.16	6.93	6.51
	1997	6.04	6.63	6.34
	1998	6.30	6.73	6.47
	1999	6.41	6.77	6.62

Table 4.**SUNAPEE, LAKE 210****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	6.90	6.90	6.90
	1987	6.30	6.90	6.51
	1988	6.60	7.10	6.76
	1989	5.70	6.60	6.15
	1990	6.80	7.00	6.89
	1991	6.70	6.90	6.79
	1992	6.60	7.10	6.76
	1993	6.50	6.80	6.64
	1994	6.71	7.09	6.84
	1995	6.82	7.16	6.95
	1996	6.83	7.01	6.92
	1997	6.25	6.96	6.60
	1998	6.61	6.89	6.75
	1999	6.52	6.93	6.70
HYPOLIMNION				
	1986	6.00	6.40	6.20
	1987	5.80	6.40	6.06
	1988	6.20	6.50	6.34
	1989	5.40	6.50	5.66
	1990	6.70	6.80	6.75
	1991	6.30	6.90	6.57
	1992	6.50	*.**	6.76
	1993	6.00	6.45	6.20

Table 4.**SUNAPEE, LAKE 210****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1994	6.03	6.53	6.28
	1995	6.15	6.96	6.46
	1996	5.70	6.67	6.18
	1997	5.88	6.84	6.14
	1998	6.14	6.67	6.34
	1999	6.02	6.55	6.21
METALIMNION				
	1986	6.40	6.90	6.64
	1987	6.30	6.70	6.43
	1988	6.40	6.80	6.62
	1989	5.60	6.50	5.93
	1990	6.80	7.00	6.89
	1991	6.70	7.00	6.81
	1992	6.50	7.10	6.70
	1993	6.30	6.70	6.44
	1994	6.12	6.69	6.40
	1995	6.66	6.84	6.76
	1996	6.12	7.05	6.45
	1997	6.07	6.88	6.36
	1998	6.36	6.82	6.50
	1999	6.13	6.66	6.38

Table 4.**SUNAPEE, LAKE 220****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	6.30	6.80	6.56
	1994	6.52	7.06	6.69
	1995	6.83	7.12	6.95
	1996	6.62	6.98	6.85
	1997	6.17	6.89	6.55
	1998	6.60	6.89	6.73
	1999	6.54	6.96	6.76
HYPOLIMNION				
	1993	6.00	6.40	6.17
	1994	6.18	6.43	6.30
	1995	6.05	6.87	6.35
	1996	5.99	6.65	6.24
	1997	5.96	6.35	6.14
	1998	5.86	6.61	6.20
	1999	6.08	6.65	6.23
METALIMNION				
	1993	6.20	6.65	6.44
	1994	6.32	6.96	6.49
	1995	6.26	7.00	6.64
	1996	6.15	6.85	6.45
	1997	6.05	6.81	6.36

Table 4.

SUNAPEE, LAKE 220

SUNAPEE

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1998	6.02	6.84	6.43
	1999	6.23	6.88	6.53

Table 4.

SUNAPEE, LAKE 222

SUNAPEE

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1998	6.62	6.78	6.69
HYPOLIMNION				
	1998	6.64	6.64	6.64
METALIMNION				
	1998	6.51	6.69	6.59

Table 4.**SUNAPEE, LAKE 225****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1997	6.28	6.84	6.58
	1998	6.59	6.88	6.69
HYPOLIMNION				
	1997	5.83	6.80	6.15
	1998	6.02	6.54	6.25
METALIMNION				
	1997	6.05	6.78	6.28
	1998	6.00	6.75	6.36

Table 4.**SUNAPEE, LAKE 230****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	6.80	6.80	6.80
	1987	6.10	6.70	6.32
	1988	6.40	7.20	6.66
	1989	6.10	6.50	6.32
	1990	6.80	6.90	6.85
	1991	6.60	7.00	6.77
	1992	6.50	7.10	6.74
	1993	6.30	6.70	6.54
	1994	6.45	6.80	6.62
	1995	6.48	7.14	6.86
	1996	6.14	7.11	6.61
	1997	6.22	6.75	6.53
	1998	6.46	6.91	6.72
	1999	6.45	7.00	6.76
HYPOLIMNION				
	1986	5.90	6.80	6.15
	1987	5.70	6.30	5.82
	1988	6.00	6.70	6.30
	1989	5.90	6.60	6.22
	1990	6.70	6.90	6.79
	1991	6.30	7.00	6.50
	1992	6.60	7.00	6.78
	1993	6.00	6.67	6.21

Table 4.**SUNAPEE, LAKE 230****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1994	6.13	6.67	6.30
	1995	6.13	7.04	6.37
	1996	6.09	6.71	6.36
	1997	5.96	6.72	6.14
	1998	6.09	6.52	6.31
	1999	6.07	6.52	6.26
METALIMNION				
	1986	6.50	7.00	6.72
	1987	6.10	6.70	6.30
	1988	6.40	6.90	6.63
	1989	6.10	6.40	6.24
	1990	6.70	6.80	6.75
	1991	6.60	7.10	6.71
	1992	6.50	7.00	6.72
	1993	6.25	6.63	6.39
	1994	6.19	6.63	6.38
	1995	6.14	6.99	6.57
	1996	6.09	6.84	6.42
	1997	6.06	6.84	6.32
	1998	6.21	6.73	6.43
	1999	6.30	6.77	6.48

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
010				
	1986	6.80	6.90	6.83
	1987	6.30	6.90	6.50
	1988	6.60	6.80	6.72
	1989	5.90	6.50	6.14
	1990	6.70	7.20	6.89
	1991	6.50	7.00	6.66
	1992	6.50	7.00	6.65
	1993	6.33	7.15	6.61
	1994	6.53	6.96	6.78
	1995	6.78	7.07	6.91
	1996	6.70	6.84	6.76
	1997	6.65	6.94	6.76
	1998	6.61	6.85	6.70
	1999	6.77	7.22	6.92
020				
	1986	6.70	7.00	6.82
	1987	6.30	6.90	6.42
	1988	6.70	6.80	6.75
	1989	6.00	6.50	6.15
	1990	6.80	7.20	6.90
	1991	6.70	6.90	6.77
	1992	6.50	7.00	6.72
	1993	6.35	6.80	6.56

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
030	1994	6.42	6.87	6.55
	1995	6.88	7.08	6.94
	1996	6.66	6.97	6.84
	1997	6.77	6.79	6.78
	1998	6.67	6.88	6.76
	1999	6.62	6.87	6.76
040	1986	6.80	6.90	6.86
	1987	6.30	6.50	6.34
	1988	6.60	6.80	6.74
	1989	5.00	6.60	5.65
	1990	6.80	7.20	6.92
	1991	6.60	7.10	6.81
	1992	6.30	6.90	6.56
	1993	6.40	6.70	6.63
	1994	6.38	6.78	6.58
	1995	6.88	7.12	7.01
	1996	6.73	7.09	6.84
	1997	6.75	6.92	6.82
	1998	6.54	6.91	6.78
	1999	6.76	7.00	6.91
	1988	6.80	7.00	6.89
	1989	6.30	6.60	6.42
	1993	6.30	7.00	6.60

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
050	1994	6.63	7.07	6.89
	1995	6.85	6.92	6.88
	1996	6.78	6.94	6.85
	1997	6.36	6.80	6.60
	1998	6.51	6.86	6.69
	1999	6.69	7.25	6.97
060	1994	6.54	7.04	6.69
	1995	6.89	7.01	6.96
	1996	6.68	6.99	6.76
	1997	6.32	6.99	6.67
	1998	6.50	6.76	6.65
	1999	6.66	6.92	6.81
068	1988	6.90	6.90	6.90
	1989	6.00	6.70	6.20
	1990	7.10	7.10	7.10
	1991	6.60	6.90	6.74
	1992	6.50	7.00	6.69
	1993	6.60	6.70	6.65
	1994	6.40	6.64	6.56
	1995	6.91	7.05	6.98
	1996	6.68	6.98	6.80
	1997	6.45	6.97	6.72
	1998	6.59	6.83	6.68

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
060	1999	6.55	6.75	6.67
070	1986	6.40	6.90	6.64
	1987	6.30	6.60	6.45
	1988	6.40	7.30	6.72
	1989	5.80	6.60	6.13
	1990	6.60	7.00	6.80
	1991	6.80	7.10	6.91
	1992	6.50	7.00	6.69
	1993	6.40	6.70	6.50
	1994	6.77	7.01	6.89
	1995	6.75	7.01	6.91
	1996	6.77	7.08	6.90
	1997	6.62	6.84	6.76
	1998	6.59	6.73	6.63
	1999	6.77	7.45	6.96
080	1993	6.30	6.75	6.52
	1994	6.51	6.80	6.59
	1995	6.83	7.11	6.97
	1996	6.79	7.07	6.88
	1997	6.68	6.89	6.75
	1998	6.59	7.03	6.80

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
080	1999	6.60	6.88	6.69
090	1986	6.80	6.80	6.80
	1987	6.30	6.90	6.47
	1988	6.60	7.30	6.78
	1989	5.30	6.70	5.86
	1990	6.60	7.00	6.76
	1991	6.70	7.00	6.81
	1992	6.50	6.80	6.58
	1993	6.40	6.70	6.56
	1994	6.56	6.64	6.60
	1995	6.84	7.11	7.00
	1996	6.58	6.88	6.76
	1997	6.58	6.85	6.68
	1998	6.71	6.84	6.77
	1999	6.30	6.94	6.70
100	1986	6.80	6.90	6.83
	1987	6.40	6.80	6.54
	1988	6.70	7.30	6.90
	1989	6.00	6.60	6.25
	1990	6.80	7.00	6.87
	1991	6.20	7.00	6.55

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
1005	1992	6.40	7.00	6.56
	1993	6.42	6.80	6.54
	1994	6.35	7.06	6.65
	1995	6.85	7.19	7.04
	1996	6.51	7.14	6.81
	1997	6.65	6.83	6.76
	1998	6.82	6.90	6.86
	1999	6.70	7.17	6.87
1010				
1010	1996	5.36	6.39	5.62
	1997	5.91	6.22	6.04
	1998	6.18	6.43	6.27
	1999	6.49	6.78	6.61
110				
110	1996	6.23	6.39	6.30
	1997	5.90	6.40	6.08
	1998	6.13	6.41	6.25
	1999	6.08	6.50	6.29
110	1986	6.80	6.90	6.86
	1987	6.20	6.80	6.42
	1988	6.80	6.80	6.80
	1989	5.80	6.80	6.12
	1990	6.50	7.00	6.73

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1991	6.50	7.00	6.70
	1992	6.50	7.00	6.61
	1993	6.47	6.75	6.60
	1994	6.44	6.71	6.56
	1995	6.90	7.11	6.97
	1996	6.71	6.95	6.80
	1997	6.69	6.96	6.77
	1998	6.65	6.97	6.74
	1999	6.56	6.86	6.71
1105				
	1996	5.29	5.77	5.44
	1997	4.58	5.63	5.12
	1998	5.36	5.50	5.42
	1999	5.35	5.70	5.46
1115				
	1996	5.29	7.10	5.86
	1997	5.04	6.39	5.61
	1998	5.46	6.60	5.96
	1999	5.52	6.82	6.00
1405				
	1996	4.87	6.17	5.21
	1997	4.93	6.32	5.09

Table 4.

SUNAPEE, LAKE

pH summary for current and historical sampling seasons. Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
1410.5	1998	4.87	5.94	5.29
	1999	4.75	*.**	5.11
1410				
	1997	6.30	6.71	6.50
	1998	5.69	6.78	6.17
	1999	5.62	6.99	5.94
1410				
	1996	4.96	6.90	5.71
	1997	5.51	6.80	5.96
	1998	5.62	6.81	6.14
	1999	5.51	6.94	5.93
1415.1				
	1996	6.52	6.88	6.66
1415.2				
	1996	4.19	4.64	4.35
1415.3				
	1996	6.54	6.78	6.67
1415.4				
	1996	4.71	4.72	4.71

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
1415.5				
	1996	6.63	6.88	6.73
1415				
	1996	6.41	7.28	6.72
	1997	6.47	7.05	6.70
	1998	6.24	6.98	6.63
	1999	6.19	7.33	6.58
1416				
	1996	6.80	6.80	6.80
1420				
	1996	5.29	7.17	6.20
	1997	6.00	6.99	6.37
	1998	6.16	6.93	6.61
	1999	6.07	7.09	6.41
1605				
	1996	6.36	6.93	6.55
	1997	6.44	7.11	6.63
	1998	6.31	6.74	6.53
	1999	6.30	6.92	6.54

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
1610				
	1996	6.14	6.95	6.30
	1997	6.18	6.68	6.42
	1998	6.09	6.42	6.23
	1999	6.02	6.48	6.27
1612				
	1996	6.15	6.81	6.38
	1997	6.36	6.79	6.54
	1998	6.20	6.74	6.44
	1999	6.44	6.66	6.56
505				
	1986	7.10	7.10	7.10
	1987	6.20	6.90	6.41
	1988	5.80	6.80	6.23
	1989	5.60	6.80	6.05
	1990	6.00	6.70	6.22
	1991	5.50	6.90	6.05
	1992	6.50	6.80	6.65
	1993	5.60	6.80	6.32
	1994	5.81	7.00	6.48
	1995	6.10	7.16	6.64

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1996	6.31	6.95	6.48
	1997	6.18	6.84	6.58
	1998	6.27	6.88	6.64
	1999	6.14	7.29	6.69
510.1				
	1993	6.40	7.20	6.73
510.21				
	1993	6.10	6.55	6.32
510.2				
	1993	5.90	6.90	6.44
510.31				
	1993	4.90	6.00	5.31
510.32				
	1993	6.00	6.85	6.23
510.34				
	1993	6.60	7.05	6.79
510.36				
	1993	5.40	5.70	5.52

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
510.41	1993	4.90	5.90	5.29
510.5	1993	4.50	4.50	4.50
510	1986	7.00	7.10	7.05
	1987	6.20	6.80	6.43
	1988	6.40	6.80	6.57
	1989	5.80	6.80	6.21
	1990	6.20	6.80	6.40
	1991	6.10	6.50	6.27
	1992	6.00	6.90	6.32
	1993	6.10	6.75	6.42
	1994	6.17	6.80	6.48
	1995	6.42	6.86	6.62
	1996	6.00	7.30	6.57
	1997	6.45	7.03	6.67
	1998	6.46	6.93	6.67
	1999	6.05	6.82	6.46
515.0	1999	6.25	6.62	6.40

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
515.1				
	1995	6.55	7.12	6.78
	1996	6.21	7.16	6.66
	1997	5.82	7.17	6.37
	1998	6.45	6.81	6.67
	1999	6.29	6.87	6.50
515.12				
	1999	6.31	6.31	6.31
515.18				
	1999	6.40	6.40	6.40
515.2				
	1992	6.55	6.55	6.55
	1993	6.35	6.90	6.57
	1999	5.80	6.53	6.03
515.5				
	1999	7.78	7.78	7.78
515				
	1989	5.20	6.60	5.71
	1990	6.40	6.70	6.52
	1991	6.10	6.50	6.32
	1992	6.60	7.10	6.78

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
515				
	1993	6.30	6.70	6.43
	1994	6.22	6.86	6.51
	1995	6.32	6.73	6.49
	1998	7.11	7.11	7.11
	1999	6.78	6.78	6.78
540				
	1989	5.30	6.20	5.54
	1990	6.70	6.70	6.70
	1991	5.80	6.90	6.20
	1992	6.50	7.00	6.72
	1993	5.00	6.40	5.36
	1994	4.77	6.79	5.14
	1995	4.62	6.68	5.24
	1996	4.78	6.12	5.18
	1997	4.72	6.16	5.24
	1998	4.92	5.61	5.20
	1999	5.03	5.91	5.37
590.1				
	1998	6.38	7.03	6.69

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
590.2				
	1998	6.63	6.63	6.63
	1999	6.59	6.70	6.64
590				
	1998	6.56	7.15	6.81
	1999	6.59	7.11	6.78
610				
	1986	6.90	7.10	6.96
	1987	6.00	6.80	6.34
	1988	6.00	7.30	6.48
	1989	5.50	6.60	5.94
	1990	6.70	6.90	6.79
	1991	7.00	7.10	7.06
	1992	6.80	7.00	6.89
	1993	6.30	6.90	6.61
	1994	6.37	7.02	6.67
	1995	5.54	7.13	6.41
	1996	6.50	7.03	6.74
	1997	6.23	6.95	6.64
	1998	6.65	6.91	6.77
	1999	6.36	7.88	6.72

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
640	1989	6.50	6.50	6.50
	1990	6.40	6.40	6.40
	1991	6.20	6.90	6.50
	1992	6.60	6.90	6.68
	1993	5.90	6.59	6.26
	1994	5.89	6.64	6.25
	1995	5.55	6.58	5.99
	1996	5.90	6.80	6.21
	1998	6.16	6.16	6.16
670.1				
	1996	6.29	6.80	6.47
	1998	6.59	6.59	6.59
	1999	6.20	6.20	6.20
670.5				
	1993	5.70	6.60	6.25
	1994	6.05	6.68	6.31
	1995	5.99	6.91	6.33
	1996	6.16	6.61	6.36
	1997	6.18	6.56	6.27
	1998	6.02	6.76	6.46
	1999	4.93	6.87	5.86

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
670				
	1986	6.60	7.10	6.71
	1987	6.30	6.80	6.51
	1988	6.30	6.60	6.41
	1989	5.70	6.50	6.07
	1990	6.50	6.60	6.55
	1991	6.50	6.80	6.62
	1992	6.70	7.00	6.82
	1993	6.25	6.65	6.43
	1994	6.24	6.66	6.42
	1995	6.11	6.73	6.46
	1996	6.28	6.88	6.44
	1997	6.25	6.54	6.37
	1998	6.21	6.82	6.56
	1999	6.05	6.84	6.58
675.2				
	1994	6.42	6.88	6.67
	1995	5.75	7.01	6.29
	1996	5.56	6.97	6.00
675.3				
	1993	6.35	6.75	6.55

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
675.5				
	1993	6.50	6.95	6.65
675				
	1989	5.90	6.50	6.16
	1990	6.60	6.70	6.65
	1991	6.40	6.50	6.45
	1992	6.50	6.90	6.64
	1993	5.75	6.70	6.24
	1994	5.73	6.73	6.19
	1995	5.75	6.91	6.31
	1996	5.77	6.79	6.26
	1997	5.87	6.35	6.14
	1998	5.74	6.75	6.27
	1999	5.40	6.61	6.15
680.0				
	1996	6.89	6.97	6.93
	1999	6.42	6.42	6.42
680.1				
	1993	6.85	7.20	6.99
	1996	6.37	7.16	6.79
	1998	7.16	7.16	7.16
	1999	6.69	6.69	6.69

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
680.25	1996	6.88	6.88	6.88
680.26	1998	7.33	7.33	7.33
	1999	6.48	6.48	6.48
680.30	1999	6.19	6.19	6.19
680.3	1993	6.70	6.95	6.79
	1998	7.10	7.13	7.11
	1999	6.46	6.78	6.57
680.35	1996	6.69	6.99	6.78
	1999	6.38	6.38	6.38
680.38	1996	6.60	6.97	6.75
	1998	6.88	6.93	6.90
	1999	6.24	6.35	6.29
680.5	1993	6.55	6.80	6.68

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
680.54				
	1998	7.08	7.11	7.09
	1999	6.06	6.33	6.21
680.70				
	1999	6.25	6.25	6.25
680.7				
	1993	6.65	7.00	6.86
	1996	6.05	7.15	6.64
	1998	7.15	7.19	7.17
	1999	6.60	6.95	6.70
680				
	1993	6.50	7.30	6.88
	1994	6.37	7.48	6.77
	1995	6.35	7.64	6.90
	1996	6.41	7.45	6.87
	1997	6.60	6.99	6.79
	1998	6.47	7.43	6.88
	1999	6.25	7.44	6.82
710				
	1994	5.39	5.42	5.40
	1995	5.43	5.52	5.47

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
710				
	1996	5.24	5.59	5.38
	1997	5.41	5.53	5.47
	1998	5.37	5.78	5.50
	1999	5.49	6.06	5.67
715				
	1994	4.99	5.44	5.10
	1995	4.92	5.60	5.11
	1996	4.29	5.45	4.93
	1997	4.95	5.61	5.09
	1998	4.99	5.56	5.15
	1999	5.18	5.63	5.41
720.5				
	1998	6.00	6.00	6.00
	1999	5.91	6.06	5.98
720				
	1989	5.70	6.30	5.95
	1990	6.30	6.30	6.30
	1991	6.10	6.60	6.18
	1992	6.30	6.90	6.56
	1993	6.40	6.40	6.40
	1994	5.38	6.62	5.75
	1995	5.42	6.28	5.71

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
720				
	1996	5.40	6.18	5.65
	1997	5.46	5.70	5.60
	1998	5.43	5.87	5.66
	1999	5.92	6.44	6.10
728				
	1999	6.20	6.20	6.20
729				
	1998	6.11	6.11	6.11
	1999	6.23	6.23	6.23
730				
	1994	5.92	6.64	6.13
	1995	5.86	6.37	6.14
	1996	5.91	6.49	6.07
	1997	5.81	6.20	6.03
	1998	6.02	6.19	6.11
	1999	5.97	6.32	6.18
731				
	1998	6.07	6.14	6.10

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
740				
	1986	6.60	7.10	6.71
	1987	6.20	6.90	6.38
	1988	6.30	6.70	6.37
	1989	5.80	6.50	6.12
	1990	6.50	6.50	6.50
	1991	6.40	6.80	6.52
	1992	6.40	6.90	6.64
	1993	6.20	6.70	6.43
	1994	5.35	7.23	5.95
	1995	5.73	6.70	6.06
	1996	5.30	6.75	5.91
	1997	5.37	6.54	5.83
	1998	5.98	6.57	6.29
	1999	5.69	6.47	5.90
760				
	1992	6.45	6.45	6.45
	1993	6.29	6.90	6.42
	1994	5.87	6.84	6.30
	1995	6.05	6.97	6.40
	1996	5.93	7.26	6.30
	1997	5.61	6.79	6.25

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1998	6.17	6.81	6.43
	1999	5.94	6.65	6.21
788				
	1993	6.28	6.28	6.28
	1994	5.66	6.81	6.25
	1995	6.22	7.14	6.50
	1996	6.26	7.26	6.51
	1997	6.04	6.36	6.22
	1998	6.05	6.74	6.34
	1999	6.12	6.82	6.43
790.1				
	1986	5.80	7.10	6.05
	1987	5.40	6.10	5.71
	1988	5.90	6.60	6.24
	1989	5.80	6.30	6.05
	1990	6.00	6.80	6.24
	1991	6.20	6.80	6.35
	1992	6.70	7.20	6.96
	1993	5.80	6.90	6.10
	1994	5.83	6.08	6.01
790.2				
	1999	5.50	5.50	5.50

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
790.4	1999	5.07	6.03	5.33
790.7	1999	5.75	5.75	5.75
790	1993	5.80	6.50	6.06
	1994	5.53	6.67	6.03
	1995	5.50	6.95	6.24
	1996	5.31	7.21	5.93
	1997	6.18	6.21	6.19
	1998	5.38	6.66	5.82
	1999	5.82	7.05	6.18
792	1995	5.08	7.46	5.65
800.3	1993	6.30	6.30	6.30
800.6	1999	6.37	6.37	6.37
800.8	1999	6.43	6.43	6.43

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
800	1988	6.20	6.20	6.20
	1989	6.10	6.40	6.26
	1990	6.60	6.60	6.60
	1991	6.40	6.80	6.60
	1992	6.60	6.80	6.72
	1993	5.68	6.90	6.27
	1994	5.81	6.99	6.29
	1995	5.24	6.96	6.09
	1996	5.74	7.19	6.23
	1997	5.35	6.65	6.01
	1998	5.57	6.71	6.09
	1999	5.66	6.77	6.22
805.3	1993	6.10	6.10	6.10
805	1986	6.40	7.10	6.65
	1987	6.10	6.40	6.30
	1988	6.30	6.80	6.46
	1989	5.60	6.40	6.00
	1990	6.10	6.60	6.28
	1991	6.40	6.50	6.47

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1992	6.30	7.10	6.56
	1993	5.88	6.80	6.20
	1994	5.89	6.88	6.16
	1995	5.66	6.86	6.21
	1996	5.72	6.90	6.17
	1997	5.51	6.65	6.01
	1998	5.66	6.88	6.17
	1999	5.57	6.60	6.08
806				
	1998	5.17	5.17	5.17
830.2				
	1996	5.56	6.39	5.86
830.3				
	1993	5.90	6.30	6.10
830.7				
	1993	6.30	6.75	6.48
830				
	1989	5.50	6.40	5.89
	1990	6.20	6.40	6.29
	1991	5.80	6.40	6.06

Table 4.**SUNAPEE, LAKE****SUNAPEE**

**pH summary for current and historical sampling seasons.
Values in units, listed by station and year.**

Station	Year	Minimum	Maximum	Mean
	1992	6.20	7.10	6.39
	1993	5.60	6.58	6.12
	1994	5.55	6.66	5.99
	1995	5.62	7.56	6.15
	1996	5.74	6.81	6.14
	1997	5.35	6.66	5.87
	1998	5.51	6.48	5.88
	1999	5.47	6.40	5.82
835.2				
	1993	6.75	7.05	6.91
835.4				
	1993	6.90	7.35	7.09
835				
	1986	6.90	7.20	7.02
	1987	6.80	7.10	6.88
	1988	6.50	7.10	6.75
	1989	5.50	6.70	5.99
	1990	6.60	6.60	6.60
	1991	6.30	7.20	6.57
	1992	5.80	7.10	6.01
	1993	5.80	7.15	6.56

Table 4.

SUNAPEE, LAKE
SUNAPEE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1994	6.30	7.25	6.64
	1995	6.25	7.66	6.71
	1996	6.72	7.51	6.98
	1997	6.01	7.04	6.44
	1998	6.30	7.01	6.69
	1999	6.22	7.00	6.42
EPILIMNION				
	1999	6.94	6.94	6.94
HYPOLIMNION				
	1997	6.20	6.78	6.58
	1998	6.39	6.75	6.54
LOWER LAYER				
	1998	6.73	6.73	6.73

Table 5.

SUNAPEE, LAKE 200

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1993	3.50	6.70	4.51
1994	4.20	4.70	4.44
1995	4.20	7.10	4.89
1996	4.10	4.70	4.41
1997	2.70	4.10	3.36
1998	0.60	4.60	3.63
1999	2.80	5.70	4.13

Table 5.

SUNAPEE, LAKE 210

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1993	2.00	5.90	3.76
1994	4.10	5.50	4.70
1995	0.46	5.20	4.10
1996	3.70	5.30	4.46
1997	2.60	4.20	3.44
1998	0.40	4.50	3.50
1999	2.20	5.20	3.42

Table 5.

SUNAPEE, LAKE 220

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1993	1.10	5.60	4.15
1994	4.00	5.00	4.33
1995	4.30	5.40	4.60
1996	3.00	5.40	4.24
1997	2.70	4.20	3.58
1998	1.10	4.50	3.64
1999	2.70	4.30	3.52

Table 5.

SUNAPEE, LAKE 222

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1998	4.30	4.40	4.35

Table 5.

SUNAPEE, LAKE 225

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1997	0.00	4.00	2.72
1998	2.20	4.40	3.55

Table 5.

SUNAPEE, LAKE 230

SUNAPEE

**Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .**

Epilimnetic Values

Year	Minimum	Maximum	Mean
1993	3.40	7.20	4.23
1994	3.90	4.30	4.12
1995	4.30	10.00	5.51
1996	4.00	5.70	4.82
1997	2.60	4.80	3.35
1998	1.40	4.40	3.47
1999	2.70	5.00	3.62

Table 5.

SUNAPEE, LAKE

SUNAPEE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1999	3.10	3.10	3.10

Table 6.**SUNAPEE, LAKE 200****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	55.8	71.9	66.3
	1987	69.2	71.6	70.4
	1988	51.0	63.5	57.9
	1989	56.0	74.2	67.6
	1990	73.8	78.0	75.9
	1991	67.6	93.3	75.7
	1992	68.2	73.7	71.5
	1993	69.2	78.2	75.9
	1994	70.1	79.4	76.8
	1995	78.4	84.3	81.7
	1996	77.0	79.1	77.8
	1997	75.8	77.6	76.7
	1998	80.0	81.5	80.7
	1999	84.3	86.5	85.1
HYPOLIMNION				
	1986	56.6	72.8	67.1
	1987	69.7	72.8	71.6
	1988	51.0	63.3	57.4
	1989	59.0	74.5	67.9
	1990	75.0	77.2	76.1
	1991	71.4	75.0	73.1
	1992	68.4	82.9	78.0
	1993	69.8	78.2	76.0

Table 6.**SUNAPEE, LAKE 200****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1994	71.3	80.6	78.3
	1995	77.1	85.2	81.7
	1996	79.3	81.2	80.0
	1997	76.5	77.3	76.8
	1998	81.4	82.5	81.8
	1999	85.5	86.4	85.9
METALIMNION				
	1986	71.4	71.9	71.6
	1987	68.6	71.7	70.6
	1988	50.6	63.3	58.2
	1989	72.9	75.4	74.1
	1990	74.2	78.5	76.3
	1991	66.4	73.4	70.4
	1992	67.9	78.2	73.0
	1993	69.1	77.8	75.5
	1994	70.2	80.0	77.6
	1995	77.2	83.5	81.3
	1996	77.1	79.1	78.4
	1997	76.1	77.5	76.4
	1998	79.9	81.4	80.7
	1999	84.1	91.5	85.7

Table 6.**SUNAPEE, LAKE 210****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	70.9	70.9	70.9
	1987	68.5	71.9	69.6
	1988	51.6	63.1	57.8
	1989	59.0	74.3	69.2
	1990	72.0	72.4	72.2
	1991	67.4	75.9	71.3
	1992	65.9	74.9	70.8
	1993	68.6	78.5	75.6
	1994	70.0	78.9	76.3
	1995	78.9	84.5	81.6
	1996	77.0	78.7	77.8
	1997	76.0	77.5	76.6
	1998	79.1	81.3	80.5
	1999	84.0	86.4	85.3
HYPOLIMNION				
	1986	55.0	72.1	66.2
	1987	68.9	73.5	71.1
	1988	52.4	63.4	58.2
	1989	55.0	75.8	67.1
	1990	71.2	76.0	73.6
	1991	67.7	73.8	71.0
	1992	67.8	75.4	71.5
	1993	69.3	78.6	76.0

Table 6.**SUNAPEE, LAKE 210****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1994	70.6	79.8	77.4
	1995	77.9	84.6	81.8
	1996	78.8	80.1	79.3
	1997	76.1	77.5	76.7
	1998	80.1	82.1	81.3
	1999	84.7	87.2	85.5
METALIMNION				
	1986	56.5	71.3	65.7
	1987	67.8	72.5	69.6
	1988	51.1	83.1	63.4
	1989	50.0	79.6	68.8
	1990	74.0	77.7	75.8
	1991	67.4	74.0	70.9
	1992	67.0	77.5	71.8
	1993	68.5	78.0	75.4
	1994	70.2	78.8	76.6
	1995	76.9	84.1	81.2
	1996	76.6	79.6	78.2
	1997	76.2	77.4	76.5
	1998	78.8	81.2	80.4
	1999	84.2	86.4	85.1

Table 6.**SUNAPEE, LAKE 220****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	69.4	78.5	75.6
	1994	70.1	79.7	76.6
	1995	78.3	84.2	81.6
	1996	75.1	78.9	77.2
	1997	74.9	77.6	76.6
	1998	78.4	81.3	79.8
	1999	83.3	86.7	85.0
HYPOLIMNION				
	1993	68.7	76.7	74.5
	1994	69.3	79.5	76.7
	1995	79.1	85.6	81.9
	1996	76.3	81.8	78.0
	1997	75.3	77.5	76.1
	1998	79.4	80.7	80.0
	1999	84.0	86.9	85.0
METALIMNION				
	1993	69.3	78.3	75.0
	1994	69.9	79.6	76.7
	1995	78.7	83.0	81.1
	1996	74.4	79.2	77.2
	1997	75.0	77.4	75.9
	1998	78.8	80.9	79.7

Table 6.

SUNAPEE, LAKE 220

SUNAPEE

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1999	83.9	86.0	84.6

Table 6.**SUNAPEE, LAKE 222****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMITNION	1998	79.1	81.4	80.2
HYPOLIMNION	1998	79.9	79.9	79.9
METALIMNION	1998	81.0	81.5	81.2

Table 6.**SUNAPEE, LAKE 225****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1997	74.8	77.7	76.6
	1998	78.1	81.5	79.8
HYPOLIMNION				
	1997	74.9	76.2	75.5
	1998	76.9	80.8	78.5
METALIMNION				
	1997	74.5	76.3	75.4
	1998	76.1	79.9	78.7

Table 6.**SUNAPEE, LAKE 230****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	56.6	70.7	65.8
	1987	67.4	71.2	68.7
	1988	51.5	61.4	57.4
	1989	58.5	74.6	68.6
	1990	71.4	79.0	75.2
	1991	67.7	74.3	71.0
	1992	67.2	74.3	70.9
	1993	67.0	78.7	73.7
	1994	77.4	80.4	78.8
	1995	78.1	84.4	81.2
	1996	74.5	78.8	76.6
	1997	74.3	77.7	76.4
	1998	77.7	81.2	79.8
	1999	82.7	86.5	84.8
HYPOLIMNION				
	1986	62.8	75.0	69.3
	1987	66.8	71.7	69.1
	1988	51.0	62.2	57.2
	1989	71.2	84.8	75.9
	1990	74.3	78.9	76.6
	1991	66.5	75.0	69.8
	1992	68.0	70.4	69.2
	1993	66.1	77.7	71.9

Table 6.**SUNAPEE, LAKE 230****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1994	77.4	79.7	78.6
	1995	77.7	85.6	81.3
	1996	74.5	77.5	76.1
	1997	74.4	76.8	75.4
	1998	77.9	81.6	79.4
	1999	83.6	85.4	84.6
METALIMNION				
	1986	53.4	70.2	64.3
	1987	66.5	68.5	67.5
	1988	50.3	84.0	62.6
	1989	60.6	73.1	67.2
	1990	71.5	79.1	75.3
	1991	67.5	72.5	69.8
	1992	69.4	79.3	73.1
	1993	64.5	78.5	72.1
	1994	77.8	80.0	78.6
	1995	77.3	83.5	80.7
	1996	74.3	77.6	76.7
	1997	74.2	76.7	75.3
	1998	78.1	79.8	78.7
	1999	82.9	84.6	83.9

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
010	1986	56.8	73.9	67.5
	1987	70.8	76.1	73.1
	1988	54.4	64.8	59.6
	1989	50.0	78.3	64.3
	1990	75.1	76.5	75.8
	1991	69.1	74.4	71.9
	1992	67.4	74.9	71.6
	1993	70.0	94.1	75.7
	1994	70.5	80.7	78.4
	1995	80.9	85.4	83.6
	1996	78.3	81.9	79.5
	1997	76.5	78.2	77.3
	1998	80.5	90.4	84.0
	1999	85.6	89.7	87.1
020	1986	55.9	70.9	65.2
	1987	65.8	69.2	67.4
	1988	50.3	75.9	60.6
	1989	50.0	76.9	64.6
	1990	76.0	78.7	77.3
	1991	67.4	76.8	71.4
	1992	66.1	72.3	69.9
	1993	68.7	77.7	72.9

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1994	69.3	80.0	77.5
	1995	81.1	85.5	83.0
	1996	76.2	78.6	77.5
	1997	76.0	77.7	76.9
	1998	78.1	80.0	79.0
	1999	85.6	86.4	86.0
030				
	1986	57.0	71.7	66.5
	1987	68.2	71.2	69.7
	1988	51.2	64.9	59.3
	1989	55.0	78.9	70.1
	1990	73.4	80.9	77.1
	1991	67.8	75.2	71.1
	1992	67.6	72.6	70.2
	1993	68.8	77.6	73.0
	1994	69.7	79.3	77.4
	1995	79.4	84.1	82.0
	1996	77.2	78.6	77.8
	1997	76.1	77.8	76.9
	1998	79.4	80.7	80.0
	1999	84.8	86.6	85.9
040				
	1988	50.8	67.5	59.1
	1989	66.5	74.8	70.6

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1993	69.0	106.6	78.9
	1994	78.3	79.0	78.6
	1995	80.9	82.4	81.8
	1996	77.5	79.3	78.1
	1997	75.8	78.2	76.9
	1998	79.9	81.6	80.7
	1999	85.3	86.7	86.0
050				
	1994	69.2	80.0	76.9
	1995	80.6	84.2	82.4
	1996	75.9	78.7	77.3
	1997	76.0	77.6	77.0
	1998	77.9	80.8	79.8
	1999	84.6	86.5	85.7
060				
	1988	64.8	64.8	64.8
	1989	65.0	73.1	69.6
	1990	70.6	70.6	70.6
	1991	67.7	73.5	71.0
	1992	67.5	73.0	70.5
	1993	68.3	78.8	75.3
	1994	69.5	79.0	76.3
	1995	80.5	84.1	82.4
	1996	76.2	78.5	77.3

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1997	76.3	77.7	77.1
	1998	79.2	81.0	80.3
	1999	84.8	86.7	85.7
070				
	1986	55.0	81.4	68.7
	1987	68.9	71.6	70.1
	1988	51.9	65.7	59.2
	1989	55.0	75.3	69.2
	1990	70.6	70.6	70.6
	1991	68.7	77.5	72.5
	1992	66.9	72.2	69.6
	1993	67.2	78.3	76.0
	1994	78.0	80.9	79.0
	1995	80.3	84.0	82.1
	1996	76.5	78.9	77.8
	1997	76.6	77.6	77.2
	1998	76.9	81.3	80.1
	1999	86.0	86.7	86.3
080				
	1993	67.6	78.9	73.1
	1994	77.8	79.9	78.8
	1995	79.9	86.1	82.5
	1996	76.7	78.8	77.8
	1997	76.2	78.0	77.1

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1998	7.0	81.4	68.2
	1999	83.9	86.7	85.3
090				
	1986	55.6	71.4	65.6
	1987	68.1	71.8	70.1
	1988	51.2	64.0	57.9
	1989	55.0	74.5	67.6
	1990	70.3	76.2	73.2
	1991	67.8	74.8	70.9
	1992	66.7	72.6	70.0
	1993	46.2	79.1	70.4
	1994	77.3	79.7	78.5
	1995	80.0	84.4	82.1
	1996	77.0	79.1	77.7
	1997	76.3	77.8	77.0
	1998	76.6	80.9	79.5
	1999	83.8	86.7	85.5
100				
	1986	55.5	71.3	65.7
	1987	65.7	71.3	68.4
	1988	50.7	65.7	58.5
	1989	50.0	72.0	65.5
	1990	70.9	77.6	74.2
	1991	60.8	72.9	68.7

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1992	67.4	72.5	70.5
	1993	68.2	78.7	72.2
	1994	69.0	79.0	74.8
	1995	79.8	84.1	82.1
	1996	76.6	78.7	77.6
	1997	75.8	77.7	76.9
	1998	79.1	80.0	79.5
	1999	85.0	86.4	85.7
1005				
	1996	48.7	177.9	113.3
	1997	96.4	181.0	138.7
	1998	76.4	183.8	147.4
	1999	124.1	203.0	169.6
1010				
	1996	37.3	54.6	45.9
	1997	31.9	33.7	32.8
	1998	28.0	29.5	28.9
	1999	28.1	31.2	29.1
110				
	1986	57.1	73.3	67.8
	1987	68.1	73.0	71.0
	1988	51.6	61.9	56.9
	1989	55.0	77.3	67.7
	1990	75.2	79.4	77.3
	1991	68.1	76.8	71.9

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1992	69.0	74.0	70.8
	1993	68.5	102.2	75.9
	1994	71.8	80.3	78.4
	1995	81.0	85.3	83.4
	1996	78.3	80.0	79.0
	1997	59.1	78.4	74.8
	1998	80.1	83.2	82.1
	1999	86.3	88.1	87.0
1105				
	1996	20.7	28.6	24.1
	1997	23.6	30.7	27.6
	1998	32.0	39.6	34.4
	1999	35.7	41.7	38.8
1115				
	1996	27.2	43.9	33.8
	1997	34.3	76.4	43.0
	1998	36.4	54.2	45.9
	1999	41.8	49.3	45.5
1405				
	1996	24.9	150.3	58.7
	1997	39.7	110.9	64.4
	1998	26.5	111.2	60.3

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1999	26.8	594.0	129.2
1410.5				
	1997	20.0	68.4	31.7
	1998	17.7	24.7	20.9
	1999	19.4	30.0	22.8
1410				
	1996	19.0	38.0	26.5
	1997	18.3	35.5	25.1
	1998	18.7	31.7	23.2
	1999	20.0	34.4	24.8
1415.1				
	1996	208.0	3370.0	1565.6
1415.2				
	1996	30.4	52.9	38.2
1415.3				
	1996	86.6	143.7	108.0
1415.4				
	1996	41.8	48.8	45.3
1415.5				
	1996	91.7	185.1	126.4
1415				
	1996	181.3	477.0	308.5

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1997	78.9	512.0	301.8
	1998	197.5	412.0	313.9
	1999	114.0	761.0	377.4
1416				
	1996	77.7	77.7	77.7
1420				
	1996	60.7	77.1	67.5
	1997	27.7	78.6	62.0
	1998	67.5	81.0	75.5
	1999	64.0	92.0	81.8
1605				
	1996	77.4	428.0	158.3
	1997	38.1	564.0	210.1
	1998	27.4	333.0	160.9
	1999	94.8	509.0	194.0
1610				
	1996	50.3	152.0	68.8
	1997	71.2	886.0	270.5
	1998	55.6	114.6	87.6
	1999	103.2	283.0	159.1

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
1612				
	1996	44.0	127.9	60.2
	1997	52.2	182.0	80.5
	1998	52.6	94.4	73.0
	1999	92.2	573.0	223.3
505				
	1986	57.1	107.5	87.0
	1987	72.7	97.9	87.0
	1988	68.7	77.2	74.4
	1989	50.0	102.1	84.0
	1990	75.3	88.3	80.8
	1991	90.6	107.1	100.4
	1992	98.2	270.0	142.8
	1993	86.4	193.4	115.9
	1994	68.0	103.3	91.2
	1995	87.8	118.1	103.2
	1996	72.6	103.4	88.6
	1997	58.4	217.0	106.2
	1998	87.2	113.7	103.0
	1999	92.2	152.6	118.2

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
510.1				
	1993	287.0	1388.0	849.8
510.21				
	1993	94.0	448.0	263.5
510.2				
	1993	77.1	200.0	102.2
510.31				
	1993	273.0	494.0	355.3
510.32				
	1993	102.6	240.0	140.8
510.34				
	1993	69.6	92.4	79.1
510.36				
	1993	30.6	34.6	32.6
510.41				
	1993	22.2	56.7	39.1
510.5				
	1993	24.9	25.2	25.0
510				
	1986	66.3	108.8	92.4
	1987	64.9	84.8	74.8
	1988	57.4	156.4	88.0

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1989	40.0	110.4	70.0
	1990	37.0	341.0	117.4
	1991	92.8	199.0	140.9
	1992	133.6	185.0	163.0
	1993	73.9	727.0	181.6
	1994	37.0	159.3	80.9
	1995	53.6	163.9	85.7
	1996	42.1	152.3	85.5
	1997	40.4	351.0	132.6
	1998	55.4	98.7	75.7
	1999	46.9	98.6	74.4
515.0				
	1999	351.0	351.0	351.0
515.1				
	1995	165.0	695.0	414.0
	1996	194.1	756.0	476.3
	1997	141.0	846.0	487.4
	1998	396.0	800.0	659.7
	1999	105.5	1195.0	611.1
515.12				
	1999	410.0	410.0	410.0

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
515.18	1999	415.0	415.0	415.0
515.2	1992	960.0	960.0	960.0
	1993	522.0	1294.0	977.3
	1999	136.0	315.0	237.5
515.5	1999	547.0	547.0	547.0
515.6	1997	92.5	92.5	92.5
515	1989	32.9	804.0	346.1
	1990	322.0	744.0	499.2
	1991	73.9	781.0	508.6
	1992	29.2	1107.0	719.4
	1993	172.7	1085.0	749.3
	1994	126.7	270.0	177.8
	1995	507.0	736.0	613.3
	1998	611.0	611.0	611.0
	1999	97.5	97.5	97.5
540	1989	25.0	43.0	31.1
	1990	48.5	229.0	104.8
	1991	46.0	104.2	68.8

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1992	27.7	100.7	70.3
	1993	24.0	106.4	37.4
	1994	21.0	82.5	32.0
	1995	26.5	141.4	42.7
	1996	22.2	38.9	27.6
	1997	24.1	69.3	37.0
	1998	22.7	25.9	24.3
	1999	25.0	30.7	28.2
590 MID				
	1999	247.3	247.3	247.3
590 WEST				
	1999	136.3	136.3	136.3
590.1				
	1998	83.8	457.0	358.8
590.2				
	1998	358.0	358.0	358.0
	1999	510.0	858.0	684.0
590				
	1998	186.1	497.0	351.8
	1999	170.0	548.0	337.2
610				
	1986	54.7	84.5	69.1

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1987	67.8	72.7	70.6
	1988	52.8	75.8	62.4
	1989	53.2	79.8	63.4
	1990	72.1	85.9	78.4
	1991	70.0	74.2	72.6
	1992	69.8	71.3	70.5
	1993	69.3	79.2	75.1
	1994	66.0	107.5	78.3
	1995	75.7	84.2	81.6
	1996	76.9	83.6	80.4
	1997	75.3	78.3	76.8
	1998	80.0	81.8	80.9
	1999	80.1	86.5	84.5
640				
	1989	75.7	75.7	75.7
	1990	63.9	84.3	74.1
	1991	72.2	95.0	83.6
	1992	80.9	109.1	95.4
	1993	70.7	132.2	105.1
	1994	55.0	108.0	76.2
	1995	67.1	99.0	87.6
	1996	63.6	101.7	82.2

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1998	97.0	97.0	97.0
670.1				
	1996	39.4	102.5	77.3
	1998	182.7	182.7	182.7
	1999	51.8	51.8	51.8
670.5				
	1993	106.1	1459.0	255.4
	1994	83.0	125.1	104.1
	1995	109.6	131.4	118.7
	1996	100.0	118.6	110.1
	1997	91.9	116.4	103.4
	1998	83.6	132.0	117.8
	1999	2.9	147.0	117.3
670				
	1986	42.4	96.7	71.4
	1987	91.3	151.3	114.2
	1988	28.9	109.8	65.8
	1989	69.0	119.1	88.3
	1990	80.1	145.0	113.9
	1991	104.0	158.0	128.4
	1992	66.8	98.7	79.9
	1993	45.5	240.0	153.0

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1994	57.0	160.8	106.7
	1995	69.5	206.0	125.9
	1996	57.8	182.4	114.8
	1997	88.3	177.3	118.5
	1998	77.8	220.0	133.6
	1999	65.4	261.0	171.5
675.2				
	1994	20.0	34.3	28.3
	1995	21.2	35.7	26.0
	1996	15.6	26.4	22.8
675.3				
	1993	26.0	31.4	28.8
675.5				
	1993	26.0	34.5	30.9
675				
	1989	25.0	79.6	52.8
	1990	41.9	109.8	64.5
	1991	50.2	102.0	76.2
	1992	119.2	194.0	153.9
	1993	24.2	131.4	71.6
	1994	21.0	100.7	47.8
	1995	23.3	201.0	54.0

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1996	18.3	67.4	48.9
	1997	23.7	79.3	42.5
	1998	20.6	119.7	52.6
	1999	25.5	278.0	94.5
680.0				
	1996	76.6	84.6	80.6
	1999	77.0	77.0	77.0
680.1				
	1993	168.0	302.0	243.3
	1996	31.9	196.2	100.5
	1998	284.0	284.0	284.0
	1999	64.7	64.7	64.7
680.25				
	1996	69.9	69.9	69.9
680.26				
	1998	135.0	135.0	135.0
	1999	82.0	82.0	82.0
680.30				
	1999	41.0	41.0	41.0
680.3				
	1993	87.0	128.9	109.9
	1998	111.9	112.8	112.3
	1999	44.5	163.9	96.4

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
680.35				
	1996	30.5	69.2	49.8
	1999	60.0	60.0	60.0
680.38				
	1996	27.4	30.0	29.1
	1998	51.6	55.8	53.7
	1999	28.5	52.9	40.7
680.5				
	1993	34.0	39.5	37.1
680.54				
	1998	40.0	41.5	40.7
	1999	27.2	41.7	34.4
680.70				
	1999	27.6	27.6	27.6
680.7				
	1993	34.0	38.5	36.4
	1996	21.3	35.4	29.1
	1998	41.5	51.0	46.2
	1999	26.4	42.2	35.3
680				
	1993	50.1	162.6	126.7
	1994	36.0	155.6	88.9
	1995	45.2	165.9	100.7

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1996	27.2	146.9	79.2
	1997	44.3	156.4	81.8
	1998	40.1	188.5	104.9
	1999	49.6	260.0	121.9
710				
	1994	20.0	21.0	20.5
	1995	23.1	27.7	24.5
	1996	19.5	24.8	21.6
	1997	19.5	19.6	19.5
	1998	15.6	19.4	18.1
	1999	20.5	23.9	21.7
715				
	1993	29.9	29.9	29.9
	1994	20.3	26.7	22.4
	1995	21.7	82.3	29.4
	1996	19.0	85.3	36.0
	1997	20.7	80.3	48.3
	1998	17.6	100.0	36.7
	1999	19.9	53.9	31.9
720.1				
	1996	127.6	127.6	127.6

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
720.5	1998	115.3	115.3	115.3
	1999	47.2	100.8	74.0
720	1989	50.0	98.0	80.8
	1990	65.7	119.9	93.0
	1991	80.0	121.8	101.2
	1992	89.6	96.3	92.8
	1993	38.7	115.4	77.0
	1994	34.0	111.9	79.3
	1995	30.8	195.2	93.6
	1996	44.1	197.3	88.7
	1997	51.7	112.5	88.6
	1998	5.9	138.7	88.4
	1999	63.0	110.3	90.4
728	1999	23.6	23.6	23.6
729	1998	31.8	31.8	31.8
	1999	32.4	32.4	32.4
730	1994	20.0	30.1	24.9
	1995	25.7	44.8	30.1

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1996	21.7	80.4	31.1
	1997	24.7	28.2	26.3
	1998	21.7	27.0	24.9
	1999	23.3	31.5	28.5
731				
	1998	22.7	29.1	25.1
740				
	1986	32.6	54.2	40.4
	1987	45.4	87.8	66.9
	1988	45.3	92.1	75.6
	1989	25.0	66.8	49.9
	1990	30.3	136.0	75.0
	1991	58.0	96.0	75.2
	1992	83.0	100.2	91.5
	1993	41.1	81.7	57.1
	1994	24.9	47.6	35.2
	1995	25.9	54.2	36.7
	1996	22.6	57.1	33.4
	1997	28.3	110.7	47.6
	1998	32.8	59.7	46.1
	1999	33.1	44.5	38.9

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
760	1992	25.1	25.1	25.1
	1993	20.3	35.0	27.7
	1994	19.0	31.0	24.5
	1995	23.0	36.8	27.8
	1996	20.9	38.7	26.4
	1997	18.9	42.7	26.6
	1998	19.3	39.4	26.5
	1999	20.9	27.8	24.7
788	1993	83.1	83.1	83.1
	1994	66.7	114.9	87.4
	1995	44.3	131.0	103.6
	1996	51.9	125.7	92.1
	1997	64.9	230.0	121.9
	1998	81.1	151.9	115.7
	1999	21.4	188.6	116.5
790.1	1986	27.0	71.7	48.8
	1987	32.8	38.9	36.0
	1988	25.8	81.1	45.2
	1989	28.0	58.1	45.1

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
	1990	32.4	105.0	54.8
	1991	28.0	42.0	36.1
	1992	35.2	39.1	37.2
	1993	31.5	64.0	44.4
	1994	37.4	55.0	47.0
790.2				
	1999	39.5	39.5	39.5
790.4				
	1999	23.9	37.9	30.9
790.7				
	1999	39.9	39.9	39.9
790				
	1993	40.5	120.6	62.7
	1994	27.4	40.7	34.0
	1995	32.6	53.5	42.4
	1996	26.7	105.9	52.5
	1997	33.8	53.6	44.8
	1998	35.2	54.9	46.0
	1999	35.6	84.3	58.8
792				
	1995	44.3	205.0	132.9

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
800.3	1993	37.4	37.4	37.4
800.6	1999	36.4	36.4	36.4
800.8	1999	35.1	35.1	35.1
800	1988	26.1	26.1	26.1
	1989	25.0	106.5	52.3
	1990	36.2	102.9	57.1
	1991	51.0	67.0	58.5
	1992	55.0	62.6	58.3
	1993	32.6	71.1	50.1
	1994	28.9	75.0	55.1
	1995	30.3	79.8	51.9
	1996	31.0	73.4	47.3
	1997	33.5	86.1	56.0
	1998	31.1	393.0	73.4
	1999	35.7	77.7	54.7
805.3	1993	86.8	86.8	86.8

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
805	1986	46.8	81.8	65.8
	1987	49.5	77.4	63.4
	1988	52.7	71.9	62.4
	1989	38.8	89.8	62.2
	1990	64.4	131.0	87.6
	1991	75.2	87.0	83.0
	1992	56.6	75.6	67.1
	1993	59.6	113.9	86.5
	1994	39.0	135.8	72.8
	1995	46.3	160.1	99.6
	1996	54.3	142.1	91.3
	1997	51.5	204.0	101.7
	1998	48.2	132.0	82.8
	1999	59.4	128.4	92.1
806	1998	20.1	20.1	20.1
830.2	1996	180.2	229.0	198.0
	1997	93.2	93.2	93.2
	1999	333.0	333.0	333.0

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
830.3				
	1993	170.4	698.0	383.2
	1997	103.4	103.4	103.4
830.7				
	1993	171.5	307.0	244.9
830				
	1989	85.0	382.0	265.5
	1990	160.0	303.0	234.0
	1991	71.8	355.0	218.6
	1992	261.0	363.0	310.2
	1993	163.0	496.0	313.2
	1994	70.2	276.0	163.5
	1995	92.4	996.0	276.2
	1996	104.9	464.0	275.6
	1997	46.2	529.0	222.5
	1998	140.0	395.0	240.2
	1999	119.4	437.0	213.5
835.1				
	1997	144.1	144.1	144.1
835.2				
	1993	150.0	724.0	396.4

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
835.3	1993	1233.0	1233.0	1233.0
835.4	1993	161.2	1434.0	792.6
835	1986	108.4	627.0	397.5
	1987	552.0	970.8	724.8
	1988	53.9	125.4	85.3
	1989	81.3	994.0	370.0
	1990	143.1	494.0	342.3
	1991	423.5	798.9	656.1
	1992	88.3	846.0	533.0
	1993	165.3	1244.0	717.2
	1994	108.5	938.0	352.1
	1995	44.1	1056.0	498.5
	1996	233.0	1120.0	566.8
	1997	138.5	1137.0	420.5
	1998	221.0	1040.0	565.5
	1999	249.0	850.0	474.5
EPILIMNION	1999	85.8	85.8	85.8

Table 6.**SUNAPEE, LAKE****SUNAPEE**

**Specific conductance results from current and historic
sampling seasons. Results in uMhos/cm.**

Station	Year	Minimum	Maximum	Mean
HYPOLIMNION				
	1997	76.6	79.6	77.9
	1998	82.4	86.6	83.8
LOWER LAYER				
	1998	80.9	80.9	80.9

Table 8.**SUNAPEE, LAKE 200****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	2	4	3
	1987	1	4	2
	1988	2	2	2
	1989	1	2	1
	1993	2	13	4
	1994	2	14	5
	1995	1	8	4
	1996	3	7	5
	1997	2	9	4
	1998	3	8	5
	1999	2	7	4
HYPOLIMNION				
	1986	2	12	6
	1987	1	3	1
	1988	8	8	8
	1989	1	10	4
	1990	4	7	5
	1991	1	3	2
	1992	1	4	1
	1993	3	9	5
	1994	4	17	7
	1995	2	12	6
	1996	5	8	6

Table 8.**SUNAPEE, LAKE 200****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1997	4	9	5
	1998	2	15	7
	1999	2	7	5
METALIMNION				
	1986	3	17	8
	1987	1	4	3
	1988	4	7	5
	1989	1	10	4
	1993	3	11	6
	1994	3	9	5
	1995	3	12	6
	1996	4	9	6
	1997	3	10	6
	1998	3	12	6
	1999	4	8	6

Table 8.**SUNAPEE, LAKE 210****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	2	11	5
	1987	1	3	1
	1988	6	8	7
	1989	1	7	3
	1993	2	12	5
	1994	1	3	2
	1995	2	9	4
	1996	3	7	5
	1997	1	9	3
	1998	1	16	5
	1999	5	17	7
HYPOLIMNION				
	1986	2	23	9
	1987	1	8	3
	1988	3	10	7
	1989	1	6	3
	1990	6	9	7
	1991	1	3	2
	1992	1	3	2
	1993	3	10	6
	1994	1	10	4
	1995	3	10	6
	1996	4	8	6

Table 8.**SUNAPEE, LAKE 210****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1997	1	13	5
	1998	1	5	3
	1999	4	8	6
METALIMNION				
	1986	2	16	7
	1987	1	3	2
	1988	2	4	3
	1989	1	4	2
	1993	4	9	5
	1994	1	12	5
	1995	3	8	5
	1996	5	11	7
	1997	1	6	3
	1998	1	17	8
	1999	2	8	5

Table 8.**SUNAPEE, LAKE 220****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	1	8	3
	1994	1	6	2
	1995	4	10	6
	1996	4	8	5
	1997	1	13	6
	1998	1	6	4
	1999	1	5	2
HYPOLIMNION				
	1993	1	9	5
	1994	2	7	4
	1995	5	19	10
	1996	3	11	7
	1997	3	16	8
	1998	2	7	5
	1999	6	15	9
METALIMNION				
	1993	1	8	4
	1994	2	4	3
	1995	3	9	6
	1996	5	8	6
	1997	3	11	7
	1998	1	12	5

Table 8.

SUNAPEE, LAKE 220

SUNAPEE

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1999	2	6	4

Table 8.

SUNAPEE, LAKE 222

SUNAPEE

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION	1998	4	5	4
HYPOLIMNION	1998	4	4	4
METALIMNION	1998	4	6	5

Table 8.**SUNAPEE, LAKE 225****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1997	1	9	5
	1998	1	7	4
HYPOLIMNION				
	1997	2	11	6
	1998	1	10	6
METALIMNION				
	1997	3	10	6
	1998	3	10	5

Table 8.**SUNAPEE, LAKE 230****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1986	4	12	6
	1987	1	3	1
	1988	1	5	3
	1989	1	7	2
	1993	1	20	5
	1994	1	6	3
	1995	2	6	4
	1996	4	8	5
	1997	1	8	5
	1998	1	10	5
	1999	2	17	5
HYPOLIMNION				
	1986	2	14	6
	1987	2	3	2
	1988	1	10	6
	1989	1	2	1
	1990	3	15	9
	1991	2	3	2
	1992	2	4	2
	1993	3	29	9
	1994	1	6	3
	1995	3	12	8
	1996	5	19	9

Table 8.**SUNAPEE, LAKE 230****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1997	4	11	7
	1998	2	16	7
	1999	2	57	13
METALIMNION				
	1986	3	4	3
	1987	3	5	4
	1988	2	3	2
	1989	1	8	3
	1993	3	15	6
	1994	1	8	3
	1995	2	12	5
	1996	5	11	7
	1997	3	12	7
	1998	3	7	4
	1999	6	57	13

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
010	1986	1	10	4
	1987	1	4	2
	1988	1	17	6
	1989	1	10	4
	1990	4	6	5
	1991	1	3	1
	1992	2	4	2
	1993	1	136	19
	1994	2	11	5
	1995	4	14	6
	1996	3	11	6
	1997	1	9	4
	1998	1	11	5
	1999	1	6	3
020	1986	2	11	5
	1987	2	11	5
	1988	4	9	5
	1989	1	7	4
	1990	1	9	5
	1991	1	2	1
	1992	2	7	5
	1993	1	96	15

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1994	1	19	6
	1995	3	7	5
	1996	5	8	5
	1997	2	7	4
	1998	3	8	5
	1999	2	5	3
030				
	1986	2	12	5
	1987	1	6	2
	1988	1	7	3
	1989	1	16	5
	1990	1	4	2
	1991	1	9	3
	1992	2	3	2
	1993	1	11	4
	1994	1	10	2
	1995	3	8	6
	1996	3	6	4
	1997	5	6	5
	1998	< 5	6	4
	1999	1	6	3
040				
	1988	8	8	8
	1989	1	2	1

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1993	1	11	4
	1994	1	7	2
	1995	2	8	4
	1996	3	6	4
	1997	2	6	3
	1998	1	3	2
	1999	1	7	3
050				
	1994	1	7	3
	1995	2	21	7
	1996	4	8	6
	1997	2	17	7
	1998	6	6	6
	1999	2	3	2
060				
	1989	1	190	36
	1990	1	110	39
	1991	1	31	9
	1992	2	4	2
	1993	1	15	5
	1994	1	12	4
	1995	1	7	4
	1996	4	9	6
	1997	2	8	4

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1998	2	2	2
	1999	2	8	3
070				
	1986	1	12	5
	1989	1	7	2
	1990	2	2	2
	1991	1	5	2
	1992	2	7	3
	1993	1	72	9
	1994	1	5	2
	1995	2	9	5
	1996	3	7	5
	1997	3	6	4
	1998	1	1	1
	1999	3	6	4
080				
	1993	1	9	4
	1994	1	35	9
	1995	3	12	6
	1996	3	9	5
	1997	1	4	3
	1998	1	11	5
	1999	1	5	3

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
090	1986	2	12	5
	1987	1	3	1
	1988	5	5	5
	1989	1	16	4
	1990	1	2	1
	1991	1	3	2
	1992	1	7	3
	1993	1	33	7
	1994	1	3	2
	1995	3	13	6
	1996	3	5	4
	1997	2	16	7
	1998	2	6	3
	1999	2	9	4
100	1986	1	14	6
	1989	1	50	11
	1990	1	6	3
	1991	1	3	2
	1992	2	4	2
	1993	1	12	4
	1994	1	7	3
	1995	3	8	4

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1996	2	16	5
	1997	2	6	4
	1998	13	13	13
	1999	1	7	4
1005				
	1996	3	13	8
	1997	12	23	17
	1998	8	14	10
	1999	3	17	8
1010				
	1996	3	10	6
	1997	6	7	6
	1998	1	14	8
	1999	7	18	11
110				
	1986	2	11	5
	1988	3	3	3
	1989	2	6	3
	1990	1	4	2
	1991	1	2	1
	1992	2	3	2
	1993	1	76	11
	1994	2	11	5
	1995	4	11	6
	1996	3	12	6

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1997	1	7	5
	1998	2	10	4
	1999	2	5	3
1105				
	1996	1	58	11
	1997	1	9	3
	1998	1	14	8
	1999	2	3	2
1115				
	1996	2	33	10
	1997	2	58	11
	1998	1	128	15
	1999	3	26	9
1405				
	1996	1	69	17
	1997	1	6	3
	1998	1	10	7
	1999	2	20	7
1410.5				
	1997	4	13	7
	1998	3	28	12
	1999	3	24	12

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
1410	1996	4	44	15
	1997	5	20	9
	1998	2	28	10
	1999	2	22	10
1415.1	1996	12	825	322
1415.2	1996	6	38	22
1415.3	1996	25	158	99
1415.4	1996	3	23	13
1415.5	1996	46	146	82
1415	1996	3	159	24
	1997	8	133	27
	1998	7	66	22
	1999	4	17	10
1416	1996	28	28	28

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
1420	1996	3	24	10
	1997	3	20	7
	1998	1	36	9
	1999	2	14	5
1605	1996	4	29	11
	1997	1	18	7
	1998	1	15	9
	1999	4	11	7
1610	1996	6	28	13
	1997	6	40	16
	1998	5	64	19
	1999	4	46	21
1612	1996	6	26	10
	1997	1	21	7
	1998	4	12	8
	1999	2	22	9

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
505	1986	2	8	4
	1987	1	4	2
	1988	1	5	4
	1989	1	11	4
	1990	1	7	2
	1991	1	1	1
	1992	1	127	11
	1993	3	17	7
	1994	3	9	5
	1995	3	27	7
	1996	4	13	7
	1997	4	12	7
	1998	2	15	6
	1999	3	13	6
510.1				
	1993	1	146	32
510.21				
	1993	1	108	20

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
510.2	1993	2	26	8
510.31	1993	6	393	150
510.32	1993	6	69	29
510.34	1993	22	65	40
510.36	1993	5	111	58
510.41	1993	3	235	66
510.5	1993	9	47	28
510	1986	2	30	12
	1987	1	22	8
	1988	3	17	7
	1989	1	138	14
	1990	2	13	4
	1991	1	2	1
	1992	2	42	7

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1993	3	36	11
	1994	3	46	12
	1995	2	47	12
	1996	3	88	18
	1997	3	128	38
	1998	1	13	7
	1999	2	31	12
515.0				
	1999	18	57	37
515.1				
	1995	2	9	4
	1996	2	32	7
	1997	1	66	18
	1998	4	14	8
	1999	1	170	36
515.12				
	1999	110	110	110
515.18				
	1999	40	40	40
515.2				
	1992	11	11	11
	1993	2	35	15

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1999	5	100	34
515.5				
	1999	2	2	2
515.6				
	1997	9	9	9
515				
	1989	2	7	4
	1990	4	13	7
	1991	1	2	1
	1992	3	12	7
	1993	1	34	7
	1994	1	7	3
	1995	1	10	6
	1998	1	1	1
	1999	6	6	6
540				
	1989	3	15	7
	1990	2	4	3
	1991	1	4	2
	1992	2	34	11
	1993	9	92	42
	1994	3	62	21
	1995	5	97	32

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1996	12	781	100
	1997	7	58	24
	1998	15	88	44
	1999	3	90	25
590 MID				
	1999	108	108	108
590 WEST				
	1999	207	207	207
590.1				
	1998	5	34	13
590.2				
	1998	23	23	23
	1999	20	67	43
590				
	1998	1	25	11
	1999	6	156	83
610				
	1986	2	11	5
	1987	1	4	2
	1988	3	5	4
	1989	1	9	3
	1990	2	6	3
	1991	1	2	1
	1992	1	3	2

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1993	1	18	5
	1994	1	8	3
	1995	1	8	3
	1996	1	14	6
	1997	4	13	6
	1998	1	6	4
	1999	1	18	5
640				
	1989	21	21	21
	1990	2	14	8
	1991	2	7	3
	1992	7	59	27
	1993	2	150	35
	1994	9	41	24
	1995	7	36	20
	1996	6	65	23
	1998	10	10	10
670.1				
	1996	7	132	27
	1998	11	11	11
	1999	171	171	171

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
670.5				
	1993	6	47	16
	1994	5	12	7
	1995	6	79	19
	1996	6	20	14
	1997	9	31	20
	1998	5	17	10
	1999	7	33	14
670				
	1986	2	24	10
	1987	1	5	3
	1988	1	7	2
	1989	1	21	8
	1990	2	9	5
	1991	1	5	3
	1992	1	5	3
	1993	4	72	18
	1994	7	64	21
	1995	6	50	22
	1996	6	148	37
	1997	11	68	26
	1998	7	20	13

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1999	8	121	23
675.2				
	1994	2	33	9
	1995	2	11	4
	1996	5	9	7
675.3				
	1993	1	4	2
675.5				
	1993	1	4	2
675				
	1989	1	31	7
	1990	1	4	1
	1991	1	2	1
	1992	1	20	4
	1993	1	25	6
	1994	3	18	7
	1995	1	17	6
	1996	5	25	10
	1997	3	15	9
	1998	1	18	8
	1999	1	63	11

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
680.0	1996	3	6	4
	1999	472	472	472
680.1	1993	1	7	4
	1996	5	210	48
	1998	4	4	4
	1999	800	800	800
680.25	1996	27	27	27
680.26	1998	42	42	42
	1999	499	499	499
680.30	1999	264	264	264
680.3	1993	1	6	3
	1998	81	83	82
	1999	43	180	132
680.35	1996	3	187	36
	1999	293	293	293
680.38	1996	8	104	41

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1998	9	9	9
	1999	182	364	273
680.5				
	1993	1	12	2
680.54				
	1998	6	10	8
	1999	49	735	311
680.70				
	1999	90	90	90
680.7				
	1993	1	9	4
	1996	2	194	33
	1998	21	22	21
	1999	8	71	45
680				
	1993	1	57	8
	1994	2	46	11
	1995	3	29	8
	1996	5	141	27
	1997	2	96	30
	1998	1	36	10
	1999	4	630	82

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
710	1994	11	19	15
	1995	5	8	6
	1996	2	30	9
	1997	4	6	5
	1998	1	29	8
	1999	2	9	4
715	1993	12	12	12
	1994	6	7	6
	1995	1	13	4
	1996	1	14	4
	1997	1	5	2
	1998	1	10	3
	1999	1	4	2
720.1	1996	192	192	192
720.5	1998	21	21	21
	1999	10	28	19
720	1989	2	20	9
	1990	3	22	12
	1991	2	3	2

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1992	4	4	4
	1993	4	23	10
	1994	2	48	19
	1995	1	56	13
	1996	3	284	30
	1997	6	34	15
	1998	1	28	11
	1999	12	150	43
728				
	1999	63	63	63
729				
	1998	1	1	1
	1999	26	26	26
730				
	1994	9	26	15
	1995	1	25	7
	1996	3	26	8
	1997	4	7	5
	1998	2	11	6
	1999	2	57	19
731				
	1998	5	11	9

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
740	1986	4	11	6
	1987	1	3	2
	1988	2	5	3
	1989	2	52	15
	1990	4	6	5
	1991	1	2	1
	1992	2	10	5
	1993	4	14	7
	1994	1	44	10
	1995	1	89	17
	1996	2	33	12
	1997	1	38	11
	1998	3	15	7
	1999	2	14	5
760	1992	30	30	30
	1993	6	20	12
	1994	4	55	15
	1995	3	25	11
	1996	4	27	11
	1997	4	33	12

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1998	4	24	11
	1999	4	9	6
788				
	1993	6	7	6
	1994	6	40	18
	1995	6	35	14
	1996	8	39	23
	1997	10	76	29
	1998	7	35	19
	1999	10	689	125
790.1				
	1986	2	24	10
	1987	3	8	4
	1988	2	37	14
	1989	3	101	22
	1990	3	15	7
	1991	3	4	3
	1992	2	11	6
	1993	5	125	36
	1994	8	39	15
790.2				
	1999	85	85	85

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
790.4	1999	5	42	23
790.7	1999	5	5	5
790	1993	6	198	46
	1994	6	44	18
	1995	5	37	17
	1996	9	25	18
	1997	7	57	25
	1998	9	37	18
	1999	8	88	26
792	1995	16	101	51
800.3	1993	12	12	12
800.6	1999	8	8	8
800.8	1999	8	8	8
800	1988	7	7	7
	1989	2	9	4

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1990	5	6	5
	1991	2	9	3
	1992	2	16	6
	1993	5	32	16
	1994	6	26	14
	1995	5	36	15
	1996	5	28	12
	1997	5	29	15
	1998	7	28	15
	1999	8	24	15
805.3				
	1993	8	8	8
805				
	1986	4	38	15
	1987	1	5	3
	1988	2	48	15
	1989	3	63	17
	1990	1	6	3
	1991	1	4	2
	1992	1	14	5
	1993	4	25	13
	1994	3	31	15

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1995	5	39	15
	1996	4	36	12
	1997	2	26	11
	1998	6	27	14
	1999	8	33	16
806				
	1998	13	13	13
830.2				
	1996	30	102	62
	1997	19	19	19
	1999	81	81	81
830.3				
	1993	12	290	110
	1997	19	19	19
830.7				
	1993	23	39	30
830				
	1989	5	52	23
	1990	3	115	32
	1991	2	6	4
	1992	2	33	13
	1993	5	111	50

Table 8.**SUNAPEE, LAKE****SUNAPEE**

**Summary historical and current sampling season Total
Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1994	11	129	43
	1995	5	73	30
	1996	19	72	39
	1997	11	75	26
	1998	11	90	36
	1999	11	88	25
835.1				
	1997	24	24	24
835.2				
	1993	2	70	19
835.3				
	1993	10	10	10
835.4				
	1993	1	80	22
835				
	1986	2	14	6
	1987	1	4	2
	1988	3	92	27
	1989	1	86	19
	1990	1	143	26
	1991	1	2	1
	1992	1	11	4

Table 8.

SUNAPEE, LAKE
SUNAPEE

**Summary historical and current sampling season Total
 Phosphorus data. Results in ug/L.**

Station	Year	Minimum	Maximum	Mean
	1993	1	47	8
	1994	2	26	8
	1995	1	79	11
	1996	3	20	9
	1997	5	22	9
	1998	1	27	8
	1999	1	10	4
EPILIMITION				
	1999	5	5	5
HYPOLIMNION				
	1997	2	13	6
	1998	3	8	5

Table 10.**SUNAPEE, LAKE 200****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
May 30, 1993	18.0	6.8	5.4	43.0
June 27, 1993	19.0	8.2	8.9	74.0
July 25, 1993	15.0	9.2	7.4	63.0
August 8, 1993	15.0	10.0	7.8	68.0
August 22, 1993	15.0	9.8	10.2	88.0
September 5, 1993	14.0	11.5	6.5	58.0
October 17, 1993	20.0	11.4	9.0	82.0
June 14, 1994	14.0	10.0	8.0	71.0
August 3, 1994	15.0	10.0	6.8	59.0
August 17, 1994	17.0	10.0	4.6	40.0
August 19, 1994	19.0	9.9	3.4	30.0
September 14, 1994	23.0	9.8	0.8	7.0
May 26, 1995	19.0	8.0	10.4	87.0
June 16, 1995	19.5	8.5	6.5	54.0
July 13, 1995	20.0	8.8	6.4	54.0
August 10, 1995	23.0	9.2	5.1	44.0
September 5, 1995	21.5	9.8	3.8	32.0
September 7, 1995	18.5	9.7	4.2	36.0
September 30, 1995	21.5	9.9	1.8	15.0
May 22, 1996	22.0	7.5	8.6	70.0
June 14, 1996	20.0	8.5	8.5	71.0
July 2, 1996	22.5	8.9	7.4	62.0
July 24, 1996	21.0	9.5	6.5	56.0
August 14, 1996	19.0	9.9	3.7	31.0
September 4, 1996	20.5	10.0	3.2	28.0
October 8, 1996	21.0	10.0	1.3	11.0
May 20, 1997	19.0	7.1	11.3	92.0
June 2, 1997	19.0	8.2	6.9	57.0

Table 10.**SUNAPEE, LAKE 200****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
July 8, 1997	23.0	8.6	0.3	3.0
July 22, 1997	28.0	9.0	3.8	32.0
August 11, 1997	21.0	9.5	6.5	56.0
September 10, 1997	20.0	9.5	4.7	40.0
June 16, 1998	19.0	8.9	7.4	62.0
July 6, 1998	19.0	9.5	8.7	57.0
July 20, 1998	19.0	17.0	9.8	100.0
August 18, 1998	24.0	10.0	4.2	37.0
September 9, 1998	19.0	10.0	6.0	53.0
May 26, 1999	15.0	8.6	11.5	96.0
June 7, 1999	10.5	11.0	11.0	100.0
June 28, 1999	22.0	9.0	7.6	65.0
July 1, 1999	16.0	9.5	4.2	0.0
July 20, 1999	25.0	9.0	7.5	64.0
August 10, 1999	20.0	10.0	5.8	44.0
September 2, 1999	12.0	13.0	8.5	80.0
September 20, 1999	26.0	10.0	3.0	27.0
October 12, 1999	18.0	10.0	4.2	37.0

Table 10.**SUNAPEE, LAKE 210****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
May 30, 1993	20.0	6.1	5.2	42.0
June 13, 1993	25.0	6.5	9.5	75.0
June 27, 1993	25.0	7.0	9.4	77.0
July 25, 1993	15.0	8.5	8.2	69.0
August 8, 1993	25.0	7.5	8.9	72.0
August 22, 1993	25.0	5.5	7.2	56.0
September 5, 1993	22.0	9.6	6.8	58.0
October 17, 1993	20.0	11.5	10.0	91.0
July 7, 1994	29.0	8.0	7.9	65.0
July 29, 1994	29.0	9.0	6.7	57.0
August 19, 1994	27.0	8.6	3.9	33.4
September 14, 1994	29.0	8.5	2.1	18.0
May 26, 1995	28.5	7.2	0.6	5.0
June 16, 1995	30.0	7.5	8.4	69.0
July 13, 1995	29.0	7.6	6.8	55.0
August 10, 1995	29.0	7.8	5.1	42.0
September 5, 1995	29.0	8.0	2.8	23.0
September 7, 1995	31.0	7.7	3.4	28.0
September 30, 1995	29.0	8.0	0.8	7.0
May 22, 1996	29.0	7.1	11.0	91.0
June 12, 1996	30.0	7.5	8.4	69.0
July 2, 1996	28.0	8.0	8.0	68.0
July 24, 1996	27.5	8.5	6.8	56.0
August 14, 1996	29.0	8.5	4.9	41.0
September 4, 1996	29.0	8.2	2.9	24.0
October 2, 1996	29.0	8.5	1.8	15.0
June 3, 1997	29.0	7.1	9.8	79.0
July 7, 1997	28.0	8.0	3.4	28.0

Table 10.**SUNAPEE, LAKE 210****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
July 22, 1997	30.0	7.8	6.4	52.0
August 12, 1997	24.0	8.2	0.4	3.0
September 10, 1997	27.0	8.0	3.2	27.0
May 27, 1998	33.0	7.5	11.0	87.0
June 16, 1998	25.0	7.0	9.0	74.0
July 6, 1998	27.0	8.0	7.8	65.0
July 28, 1998	24.0	9.3	12.5	107.0
August 18, 1998	27.0	8.0	5.7	47.0
September 9, 1998	25.0	9.0	7.1	61.0
June 7, 1999	15.0	8.5	11.9	98.0
June 7, 1999	26.0	7.5	10.6	86.0
June 28, 1999	29.0	7.5	9.2	75.0
July 20, 1999	23.0	8.0	9.1	77.0
August 10, 1999	27.0	7.9	4.4	36.0
September 2, 1999	26.0	6.0	51.4	54.0
September 21, 1999	28.0	8.0	3.6	30.0
October 12, 1999	29.0	8.5	3.5	29.0

Table 10.**SUNAPEE, LAKE 220****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
June 12, 1993	19.0	9.5	11.8	100.0
June 25, 1993	19.0	7.0	9.6	78.0
July 25, 1993	19.0	7.0	8.0	66.0
August 7, 1993	19.0	7.0	7.2	59.0
August 22, 1993	19.0	7.0	10.8	87.0
September 5, 1993	19.0	7.0	5.2	43.0
October 17, 1993	22.0	11.5	10.2	92.0
July 24, 1994	20.0	8.5	9.6	80.0
August 19, 1994	25.0	8.0	0.1	1.0
September 14, 1994	23.0	8.0	0.2	2.0
May 24, 1995	16.0	8.1	11.5	96.0
June 14, 1995	20.5	7.5	6.7	54.0
July 13, 1995	24.5	7.3	0.7	6.0
August 9, 1995	24.5	7.3	0.2	2.0
September 5, 1995	25.0	7.5	0.1	1.0
September 30, 1995	26.0	7.3	0.2	2.0
May 22, 1996	25.0	6.3	9.6	76.0
June 12, 1996	24.0	6.8	5.1	41.0
July 2, 1996	24.5	7.1	5.0	41.0
July 24, 1996	25.5	7.2	1.8	15.0
August 14, 1996	25.0	7.1	1.3	11.0
September 4, 1996	23.5	7.2	0.7	6.0
October 16, 1996	26.0	7.0	0.4	3.0
June 2, 1997	26.5	6.9	8.4	67.0
July 7, 1997	24.0	7.0	6.8	55.0
July 22, 1997	22.0	10.0	1.5	13.0
August 11, 1997	25.0	8.0	0.5	4.0
September 10, 1997	25.0	7.9	0.1	1.0

Table 10.**SUNAPEE, LAKE 220****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
May 27, 1998	27.0	7.1	7.5	61.0
June 16, 1998	29.0	6.5	2.2	18.0
July 6, 1998	26.0	7.0	2.5	35.0
July 28, 1998	25.0	7.0	2.5	20.0
August 18, 1998	23.0	6.8	3.8	30.0
September 9, 1998	23.0	7.0	4.9	39.0
May 26, 1999	26.0	6.9	6.5	52.0
June 7, 1999	22.0	7.2	9.4	77.0
July 1, 1999	25.0	7.0	5.8	47.0
July 20, 1999	27.0	7.0	2.5	20.0
August 10, 1999	28.0	7.0	1.0	8.0
September 2, 1999	26.0	7.0	0.8	6.0
September 20, 1999	24.0	7.0	0.8	6.0

Table 10.

SUNAPEE, LAKE 222

SUNAPEE

Historic Hypolimnetic dissolved oxygen and temperature data.

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
September 9, 1998	10.5	16.0	8.0	81.0

Table 10.**SUNAPEE, LAKE 225****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
June 3, 1997	27.0	8.9	10.5	88.0
July 7, 1997	28.0	9.0	7.1	61.0
July 22, 1997	22.0	9.0	6.2	53.0
August 11, 1997	21.0	9.5	4.8	41.0
September 10, 1997	23.0	9.0	2.5	21.0
May 27, 1998	20.0	8.6	10.5	88.0
June 16, 1998	29.0	8.5	6.4	54.0
July 6, 1998	24.0	9.0	7.8	66.0

Table 10.**SUNAPEE, LAKE 230****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
June 12, 1993	19.0	7.8	10.2	84.0
June 25, 1993	19.0	8.2	8.1	68.0
July 31, 1993	19.0	8.8	6.7	56.0
August 24, 1993	19.0	9.1	3.4	29.0
September 8, 1993	19.0	9.3	2.1	18.0
September 26, 1993	19.0	9.4	1.3	11.0
October 17, 1993	23.0	11.3	9.5	85.0
June 15, 1994	19.0	10.0	8.4	74.0
July 6, 1994	19.0	9.8	6.4	55.0
July 25, 1994	19.0	9.9	4.7	40.0
August 17, 1994	19.0	10.0	2.8	24.0
August 19, 1994	20.0	10.3	2.9	25.8
September 14, 1994	22.0	10.1	0.7	6.0
June 1, 1995	20.0	9.0	2.8	24.0
June 14, 1995	21.5	9.0	7.7	66.0
July 13, 1995	20.0	9.1	5.6	48.0
August 9, 1995	22.0	9.0	2.9	25.0
September 5, 1995	22.0	9.5	1.0	9.0
September 7, 1995	26.0	8.7	1.1	9.0
September 30, 1995	21.0	9.5	0.3	3.0
May 22, 1996	20.0	8.3	10.9	90.0
June 12, 1996	29.0	8.5	2.8	23.0
July 2, 1996	21.0	8.8	7.3	61.0
July 24, 1996	21.5	9.5	5.2	45.0
August 14, 1996	22.0	9.1	1.8	15.0
September 4, 1996	21.0	9.2	2.3	20.0
October 16, 1996	21.5	11.5	9.9	88.0
June 2, 1997	20.5	9.0	10.0	87.0

Table 10.**SUNAPEE, LAKE 230****SUNAPEE****Historic Hypolimnetic dissolved oxygen and temperature data.**

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
July 22, 1997	21.0	9.2	5.7	49.0
August 11, 1997	21.0	9.8	3.0	61.0
September 10, 1997	19.0	9.5	3.4	29.0
May 27, 1998	22.0	8.5	9.9	82.0
June 16, 1998	22.0	8.8	8.8	73.0
July 6, 1998	22.0	9.0	8.2	72.0
July 20, 1998	22.0	9.7	2.2	19.0
August 18, 1998	26.0	9.1	2.9	25.0
September 9, 1998	25.0	9.0	2.2	19.0
May 26, 1999	22.0	8.0	2.5	8.2
June 7, 1999	22.0	8.5	7.9	65.0
July 1, 1999	23.0	9.0	8.3	71.0
July 20, 1999	22.0	9.0	1.0	9.0
August 10, 1999	22.0	9.9	0.5	4.0
September 2, 1999	21.0	9.5	2.1	18.0
September 20, 1999	19.0	10.0	4.0	35.0

Table 11.

SUNAPEE, LAKE 200
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	0.4	0.7	0.5
	1994	0.5	0.8	0.6
	1995	0.2	0.6	0.4
	1996	0.2	0.4	0.3
	1997	0.3	1.4	0.6
	1998	0.2	1.1	0.5
	1999	0.4	1.2	0.6
HYPOLIMNION				
	1993	0.6	0.9	0.7
	1994	0.6	1.0	0.8
	1995	0.5	1.4	0.7
	1996	0.4	1.5	0.6
	1997	0.5	1.9	0.8
	1998	0.3	1.1	0.6
	1999	0.7	1.3	0.8
METALIMNION				
	1993	0.5	0.9	0.6
	1994	0.7	1.0	0.8
	1995	0.5	0.7	0.5
	1996	0.4	1.0	0.6
	1997	0.5	1.2	0.7
	1998	0.4	1.2	0.7

Table 11.

SUNAPEE, LAKE 200

SUNAPEE

Summary of current year and historic turbidity sampling.

Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1999	0.4	1.2	0.8

Table 11.

SUNAPEE, LAKE 210
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	0.4	0.6	0.5
	1994	0.5	0.7	0.6
	1995	0.3	1.0	0.5
	1996	0.3	0.5	0.3
	1997	0.3	1.0	0.5
	1998	0.4	1.9	0.7
	1999	0.3	0.8	0.5
HYPOLIMNION				
	1993	0.3	0.8	0.5
	1994	0.5	0.7	0.6
	1995	0.3	1.0	0.7
	1996	0.2	0.9	0.4
	1997	0.4	0.7	0.5
	1998	0.5	1.1	0.8
	1999	0.4	0.9	0.6
METALIMNION				
	1993	0.5	0.9	0.6
	1994	0.6	0.7	0.6
	1995	0.4	0.7	0.5
	1996	0.3	0.5	0.4
	1997	0.4	0.8	0.6
	1998	0.4	1.2	0.7
	1999	0.4	0.9	0.7

Table 11.

SUNAPEE, LAKE 210

SUNAPEE

Summary of current year and historic turbidity sampling.

Results in NTU's.

Station	Year	Minimum	Maximum	Mean
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Table 11.

SUNAPEE, LAKE 220
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	0.4	0.6	0.5
	1994	0.5	0.7	0.5
	1995	0.3	0.6	0.4
	1996	0.3	1.5	0.5
	1997	0.3	2.0	0.7
	1998	0.3	1.9	0.8
	1999	0.6	0.9	0.7
HYPOLIMNION				
	1993	0.5	0.9	0.6
	1994	0.6	4.0	1.5
	1995	0.5	1.3	0.7
	1996	0.2	1.6	0.5
	1997	0.3	1.0	0.6
	1998	0.3	1.2	0.8
	1999	0.5	1.1	0.7
METALIMNION				
	1993	0.6	1.0	0.7
	1994	0.6	0.9	0.8
	1995	0.4	0.7	0.5
	1996	0.3	0.7	0.5
	1997	0.3	2.3	0.9
	1998	0.4	1.4	0.9
	1999	0.6	1.2	0.8

Table 11.

SUNAPEE, LAKE 220

SUNAPEE

Summary of current year and historic turbidity sampling.

Results in NTU's.

Station	Year	Minimum	Maximum	Mean
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Table 11.

SUNAPEE, LAKE 222
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION	1998	0.9	1.1	1.0
HYPOLIMNION	1998	0.7	0.7	0.7
METALIMNION	1998	0.7	1.3	1.0

Table 11.

SUNAPEE, LAKE 225
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1997	0.4	0.6	0.4
	1998	0.3	1.3	0.9
HYPOLIMNION				
	1997	0.5	0.7	0.5
	1998	0.4	1.6	1.1
METALIMNION				
	1997	0.5	0.7	0.5
	1998	0.6	1.4	1.0

Table 11.

SUNAPEE, LAKE 230
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1993	0.3	1.0	0.5
	1994	0.6	0.9	0.7
	1995	0.3	0.9	0.5
	1996	0.3	0.6	0.4
	1997	0.3	1.0	0.5
	1998	0.4	2.1	0.9
	1999	0.4	0.9	0.7
HYPOLIMNION				
	1993	0.4	1.0	0.6
	1994	0.6	1.0	0.7
	1995	0.5	2.7	1.0
	1996	0.3	0.6	0.5
	1997	0.3	2.2	0.8
	1998	0.4	10.0	2.7
	1999	0.7	1.3	0.8
METALIMNION				
	1993	0.4	0.9	0.6
	1994	0.6	1.0	0.8
	1995	0.4	1.4	0.6
	1996	0.4	1.0	0.6
	1997	0.5	1.7	0.8
	1998	0.5	2.0	1.0
	1999	0.7	1.1	0.9

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
010	1993	0.3	0.7	0.5
	1994	0.5	2.6	0.9
	1995	0.3	0.9	0.5
	1996	0.2	0.6	0.4
	1997	0.1	1.0	0.5
	1998	0.3	1.5	0.7
	1999	0.4	0.9	0.6
020	1993	0.5	0.8	0.6
	1994	0.6	0.9	0.7
	1995	0.4	0.7	0.5
	1996	0.2	0.6	0.4
	1997	0.4	0.9	0.6
	1998	0.3	0.4	0.3
	1999	0.5	0.8	0.6
030	1993	0.4	0.6	0.4
	1994	0.5	0.7	0.6
	1995	0.3	0.8	0.4
	1996	0.2	0.6	0.3
	1997	0.2	1.0	0.5
	1998	0.2	1.7	0.6
	1999	0.2	0.9	0.5

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
040	1993	0.4	0.8	0.5
	1994	0.5	0.9	0.6
	1995	0.3	0.4	0.3
	1996	0.2	0.6	0.3
	1997	0.3	0.6	0.4
	1998	0.1	1.8	0.7
	1999	0.3	0.9	0.7
050	1994	0.5	1.0	0.7
	1995	0.3	0.7	0.5
	1996	0.2	0.5	0.3
	1997	0.4	0.9	0.6
	1998	0.3	1.8	0.6
	1999	0.6	0.8	0.7
060	1993	0.5	0.9	0.6
	1994	0.5	1.0	0.6
	1995	0.3	0.6	0.4
	1996	0.2	0.4	0.3
	1997	0.4	0.9	0.5
	1998	0.3	2.0	0.7
	1999	0.6	1.3	0.7
070				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
080	1993	0.4	0.6	0.5
	1994	0.6	1.0	0.7
	1995	0.3	0.6	0.4
	1996	0.2	0.6	0.3
	1997	0.3	0.8	0.5
	1998	0.3	0.6	0.4
	1999	0.3	0.7	0.5
080				
080	1993	0.2	1.0	0.5
	1994	0.5	0.7	0.6
	1995	0.3	0.6	0.4
	1996	0.3	0.6	0.4
	1997	0.3	0.6	0.4
	1998	0.3	1.4	0.7
	1999	0.3	0.8	0.6
090				
090	1993	0.3	0.7	0.5
	1994	0.6	0.8	0.6
	1995	0.4	0.7	0.4
	1996	0.3	0.5	0.3
	1997	0.3	0.6	0.5
	1998	0.3	1.5	0.7
	1999	0.4	0.9	0.6
100				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
1005	1993	0.3	1.5	0.6
	1994	0.5	0.8	0.6
	1995	0.2	0.6	0.3
	1996	0.2	0.7	0.3
	1997	0.1	0.9	0.4
	1998	0.4	0.6	0.5
	1999	0.6	0.9	0.7
1010	1996	0.2	0.7	0.4
	1997	0.4	0.9	0.6
	1998	0.7	1.2	1.0
	1999	0.1	0.6	0.3
	1996	0.2	0.3	0.2
110	1997	0.2	0.3	0.2
	1998	0.7	2.0	1.2
	1999	0.0	0.3	0.1
	1993	0.2	0.7	0.5
	1994	0.5	2.7	1.0
	1995	0.3	1.0	0.4
	1996	0.2	0.6	0.3
	1997	0.1	0.9	0.4
	1998	0.2	1.2	0.7
	1999	0.3	0.7	0.5

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
1105				
	1996	0.0	0.5	0.1
	1997	0.1	0.7	0.3
	1998	0.6	1.3	0.8
	1999	0.0	0.3	0.1
1115				
	1996	0.2	1.2	0.6
	1997	0.1	16.0	2.0
	1998	0.6	2.1	1.2
	1999	0.2	2.1	0.8
1405				
	1996	0.1	11.1	2.7
	1997	0.1	1.7	0.6
	1998	0.9	2.4	1.4
	1999	0.4	3.1	1.3
1410.5				
	1997	0.1	0.4	0.2
	1998	0.3	1.4	0.8
	1999	0.2	4.2	1.0
1410				
	1996	0.1	3.6	1.3
	1997	0.2	18.5	2.0

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
1410				
	1998	0.1	1.6	0.8
	1999	0.2	2.0	1.0
1415.1				
	1996	3.0	**.*	67.8
1415.2				
	1996	0.4	1.9	1.1
1415.3				
	1996	0.7	10.1	4.1
1415.4				
	1996	0.2	0.7	0.4
1415.5				
	1996	1.1	3.0	2.3
1415				
	1996	0.7	5.9	2.5
	1997	0.8	63.1	9.2
	1998	0.3	6.5	3.3
	1999	0.5	7.8	2.2
1416				
	1996	1.0	1.0	1.0
1420				
	1996	0.3	1.8	0.6

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1997	0.3	4.0	1.0
	1998	0.2	2.3	0.8
	1999	0.3	1.2	0.7
1605				
	1996	0.3	5.2	1.7
	1997	0.2	7.4	1.7
	1998	1.1	5.0	1.9
	1999	0.2	3.0	1.2
1610				
	1996	0.5	5.4	2.1
	1997	0.9	10.5	3.2
	1998	0.8	4.9	2.3
	1999	0.7	11.4	3.2
1612				
	1996	0.6	17.3	2.3
	1997	0.2	1.6	0.7
	1998	0.3	2.2	1.3
	1999	0.7	10.2	2.8
505				
	1993	0.4	2.6	0.9
	1994	0.4	2.2	0.9

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1995	0.1	4.9	1.1
	1996	0.5	2.0	1.0
	1997	0.3	1.5	0.7
	1998	0.3	2.7	1.2
	1999	0.1	2.4	0.9
510.1				
	1993	0.4	61.3	9.2
510.21				
	1993	0.8	5.7	3.0
510.2				
	1993	0.2	1.4	0.6
510.31				
	1993	0.7	69.3	21.8
510.32				
	1993	0.2	30.2	4.7
510.34				
	1993	2.2	6.3	3.4
510.36				
	1993	1.0	1.2	1.1
510.41				
	1993	0.2	4.4	1.2
510.5				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1993	0.4	5.5	2.9
510				
	1993	0.2	3.3	0.6
	1994	0.6	1.5	0.7
	1995	0.1	5.5	1.6
	1996	0.4	17.6	3.7
	1997	0.4	36.1	6.8
	1998	0.4	2.0	1.1
	1999	0.0	3.7	1.1
515.0				
	1999	9.3	19.7	14.5
515.1				
	1995	0.2	1.6	0.6
	1996	0.1	8.2	1.0
	1997	0.2	5.8	1.7
	1998	0.2	2.5	0.9
	1999	0.1	**.*	17.6
515.12				
	1999	34.6	34.6	34.6
515.18				
	1999	4.5	4.5	4.5
515.2				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1992	0.7	0.7	0.7
	1993	0.3	0.6	0.4
	1999	0.3	42.8	12.5
515.5				
	1999	0.1	0.1	0.1
515.6				
	1997	2.3	2.3	2.3
515				
	1993	0.1	1.7	0.4
	1994	0.4	1.8	0.7
	1995	0.2	1.5	0.8
	1998	0.4	0.4	0.4
	1999	9.4	9.4	9.4
540				
	1993	0.9	2.0	1.3
	1994	0.1	3.5	0.9
	1995	0.6	3.5	1.1
	1996	0.3	2.0	1.0
	1997	0.3	5.0	2.0
	1998	0.8	4.4	2.0
	1999	0.1	4.7	1.1
590 MID				
	1999	16.0	16.0	16.0

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
590 WEST	1999	20.0	20.0	20.0
590.1	1998	0.9	49.9	8.0
590.2	1998	3.7	3.7	3.7
	1999	4.5	8.7	6.6
590	1998	1.2	4.2	1.8
	1999	1.6	30.0	13.3
610	1993	0.4	0.7	0.5
	1994	0.3	2.6	0.7
	1995	0.4	1.6	0.6
	1996	0.1	1.0	0.3
	1997	0.2	1.9	0.8
	1998	0.3	1.3	0.8
	1999	0.2	1.1	0.6
640	1993	0.5	5.4	1.7
	1994	0.5	2.4	1.3
	1995	0.2	3.5	1.0

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1996	0.1	1.3	0.7
	1998	1.6	1.6	1.6
670.1				
	1996	0.6	41.0	6.6
	1998	2.5	2.5	2.5
	1999	27.0	27.0	27.0
670.5				
	1993	0.4	8.4	1.6
	1994	0.9	1.9	1.1
	1995	0.6	1.6	1.1
	1996	0.7	1.2	0.9
	1997	0.6	1.1	0.8
	1998	0.6	2.4	1.1
	1999	0.6	5.9	1.5
670				
	1993	0.9	11.4	3.3
	1994	0.8	8.8	2.9
	1995	1.0	9.0	2.7
	1996	1.3	48.0	9.3
	1997	1.6	5.5	3.1
	1998	0.9	3.3	2.0
	1999	0.9	24.2	3.6

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
675.2	1994	0.4	0.9	0.6
	1995	0.1	1.6	0.5
	1996	0.1	0.9	0.4
675.3	1993	0.2	0.3	0.2
675.5	1993	0.2	0.4	0.3
675	1993	0.2	1.9	0.5
	1994	0.4	1.9	0.8
	1995	0.1	2.5	0.6
	1996	0.1	3.6	0.7
	1997	0.2	1.3	0.6
	1998	0.1	1.7	0.7
	1999	0.1	12.2	1.8
680.0	1996	1.0	1.4	1.2
	1999	**.*	**.*	**.*
680.1	1993	1.0	1.6	1.3
	1996	0.6	58.0	11.6
	1998	2.2	2.2	2.2

Table 11.**SUNAPEE, LAKE****SUNAPEE****Summary of current year and historic turbidity sampling.****Results in NTU's.**

Station	Year	Minimum	Maximum	Mean
	1999	**.*	**.*	**.*
680.25	1996	14.4	14.4	14.4
680.26	1998	43.3	43.3	43.3
	1999	88.0	88.0	88.0
680.30	1999	45.8	45.8	45.8
680.3	1993	1.5	3.0	2.0
	1998	32.6	35.5	34.0
	1999	19.3	56.4	40.9
680.35	1996	0.8	33.4	6.5
	1999	37.9	37.9	37.9
680.38	1996	0.4	32.0	11.0
	1998	4.0	4.6	4.3
	1999	22.2	53.6	37.9
680.5	1993	0.3	0.6	0.4
680.54	1998	1.3	1.8	1.5
	1999	8.1	**.*	**.*
680.70				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1999	16.1	16.1	16.1
680.7				
	1993	0.1	0.6	0.2
	1996	0.0	31.0	6.0
	1998	4.5	5.1	4.8
	1999	0.2	**.*	**.*
680				
	1993	0.8	20.1	2.5
	1994	1.0	6.4	2.3
	1995	0.7	5.2	1.6
	1996	0.7	34.0	7.0
	1997	0.9	19.0	6.3
	1998	0.7	9.5	2.4
	1999	0.8	**.*	15.2
710				
	1994	0.6	1.1	0.8
	1995	0.0	0.9	0.3
	1996	0.0	0.8	0.2
	1997	0.1	0.7	0.4
	1998	0.2	1.9	0.9
	1999	0.0	0.6	0.2
715				
	1993	0.9	0.9	0.9

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1994	0.4	0.8	0.5
	1995	0.1	0.9	0.3
	1996	0.0	0.7	0.2
	1997	0.1	1.8	0.6
	1998	0.1	2.2	0.9
	1999	0.1	0.8	0.5
720.1				
	1996	3.3	3.3	3.3
720.5				
	1998	1.8	1.8	1.8
	1999	1.5	1.9	1.7
720				
	1993	2.4	2.4	2.4
	1994	0.4	3.7	1.7
	1995	0.5	7.0	1.7
	1996	0.2	10.9	2.2
	1997	0.6	3.6	1.4
	1998	1.1	4.5	2.2
	1999	1.0	2.6	1.9
728				
	1999	8.3	8.3	8.3
729				
	1998	1.3	1.3	1.3
	1999	2.2	2.2	2.2

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
730	1994	0.4	0.7	0.5
	1995	0.1	1.1	0.4
	1996	0.0	3.1	0.5
	1997	0.1	0.2	0.1
	1998	0.1	1.2	0.8
	1999	0.1	2.7	0.9
731	1998	0.6	0.9	0.8
740	1992	0.3	0.3	0.3
	1993	0.3	0.6	0.4
	1994	0.5	7.5	1.3
	1995	0.1	3.1	0.7
	1996	0.0	3.8	0.6
	1997	0.4	11.4	2.3
	1998	0.1	1.9	1.0
	1999	0.1	0.8	0.3
760	1992	0.5	0.5	0.5
	1993	0.3	0.6	0.4
	1994	0.5	1.2	0.7
	1995	0.3	1.1	0.6

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
760				
	1996	0.0	1.0	0.4
	1997	0.1	2.9	0.8
	1998	0.2	5.5	1.3
	1999	0.1	0.7	0.3
788				
	1994	0.4	4.8	1.2
	1995	0.4	1.4	0.6
	1996	0.1	1.6	0.5
	1997	0.5	6.7	2.4
	1998	0.5	2.5	1.2
	1999	0.2	2.3	0.9
790.1				
	1993	0.7	0.8	0.7
	1994	0.5	2.3	0.9
790.2				
	1999	25.5	25.5	25.5
790.4				
	1999	0.5	10.4	5.4
790.7				
	1999	0.7	0.7	0.7
790				
	1993	0.9	5.3	1.8

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
790	1994	0.0	1.2	0.6
	1995	0.6	0.9	0.7
	1996	0.4	4.0	1.3
	1997	0.8	3.2	1.6
	1998	0.5	1.3	1.0
	1999	0.4	26.1	3.4
792	1995	0.9	16.0	6.3
800.3	1993	0.8	0.8	0.8
800.6	1999	0.8	0.8	0.8
800.8	1999	0.8	0.8	0.8
800	1993	0.5	0.9	0.7
	1994	0.6	2.0	0.8
	1995	0.5	1.6	0.9
	1996	0.3	2.4	0.8
	1997	0.3	2.5	0.8
	1998	0.8	5.9	1.8

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1999	0.3	3.8	1.1
805.3				
	1993	0.8	0.8	0.8
805				
	1993	0.4	1.0	0.6
	1994	0.5	1.1	0.7
	1995	0.5	3.4	1.0
	1996	0.3	2.1	0.6
	1997	0.3	2.2	0.7
	1998	0.6	2.2	1.4
	1999	0.3	2.1	0.8
806				
	1998	0.4	0.4	0.4
830.2				
	1996	1.3	13.4	6.5
	1997	3.3	3.3	3.3
	1999	13.8	13.8	13.8
830.3				
	1993	1.9	13.1	7.4
	1997	2.9	2.9	2.9
830.7				
	1993	2.7	4.8	3.6
830				

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
830	1993	2.0	14.6	5.9
	1994	0.6	5.8	2.3
	1995	0.2	7.9	2.8
	1996	1.4	8.0	4.1
	1997	1.3	10.6	3.4
	1998	0.7	3.7	2.4
	1999	0.5	14.2	2.7
835.1	1997	5.0	5.0	5.0
835.2	1993	0.3	2.4	1.1
835.3	1993	0.7	0.7	0.7
835.4	1993	0.3	6.1	1.9
835	1993	0.1	6.5	0.7
	1994	0.2	2.4	0.9
	1995	0.2	7.4	1.3
	1996	0.2	2.3	0.9

Table 11.

SUNAPEE, LAKE
SUNAPEE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1997	0.1	3.3	1.0
	1998	0.1	6.2	2.0
	1999	0.3	3.0	0.9
EPILIMNION				
	1999	0.6	0.6	0.6
HYPOLIMNION				
	1997	0.5	2.9	1.0
	1998	0.3	7.6	2.4
LOWER LAYER				
	1998	0.5	0.5	0.5